



邦高化学
BRONKOW CHEMICAL

电泳漆溶剂助剂解决方案

Electrophoretic Paint Solvent & Additive Solutions

上海邦高化学有限公司
SHANGHAI BRONKOW CHEMICAL CO.,LTD



企业简介

COMPANY INFORMATION

上海邦高化学始创于2009年6月，由上海锦山化工迭代发展而成，坐落于上海碳谷绿湾精细化工产业园。

公司引进国际先进第五代“PRESS+BUSS”环保型高效乙氧基化/丙氧基化加成反应技术搭配全自动化生产控制系统，年产产能达10.5万吨。深耕精细化工新材料领域，现已成长为集研发、生产、销售、配套服务于一体的现代化化工企业。主营表面活性剂、特种助剂中间体及功能聚酯材料。产品广泛应用于湿电子精密清洗、金属加工、纺织日化、光伏新能源、汽车润滑等核心领域。

企业获评国家高新技术企业、上海专精特新企业、金山区专利示范单位，拥有76项国家专利，技术实力雄厚。

邦高化学秉持诚信、敬业、创新、共赢的核心价值观，以市场为导向、以技术创新为驱动，致力打造国际化高端化工材料供应商。凭借稳定品质、成熟工艺与专业服务，竭诚与海内外客户精诚合作，共创长远发展。

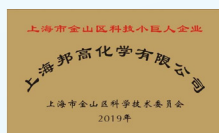
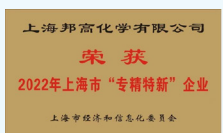
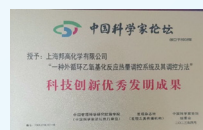
Shanghai Bronkow Chemical Co., Ltd. was founded in June 2009, evolved from Shanghai Jinshan Chemical. The company is located in Shanghai Carbon Valley Green Bay Fine Chemical Industrial Park.

Introduced with the world's advanced fifth-generation "PRESS+BUSS" eco-friendly and high-efficiency ethoxylation & propoxylation addition reaction technology, equipped with a fully automatic production control system, the annual production capacity reaches 105,000 tons.

Focusing on fine chemical new materials for years, Bronkow Chemical has developed into a modern chemical enterprise integrating R&D, production, sales and supporting services. The company mainly engages in surfactants, special additive intermediates and functional polyether materials. Its products are widely applied in sophisticated wet electronic cleaning, metal processing, textile & daily chemical industry, photovoltaic new energy, automotive lubrication and other core fields.

The enterprise has been awarded as National High-Tech Enterprise, Shanghai Specialized, Refined, Differential & Innovative Enterprise, and Jinshan District Patent Demonstration Unit. It owns 76 national patents with solid technical strength.

Adhering to the core values of Integrity, Dedication, Innovation and Win-Win, Bronkow Chemical is market-oriented and driven by technological innovation, committed to building an international high-end chemical material supplier. With stable quality, mature craftsmanship and professional services, we sincerely cooperate with customers at home and abroad to achieve long-term common development.





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丙二醇苯醚 BG-PPH & 乙二醇苯醚 BG-EPH

基本参数 (典型数据, 不代表所售产品特性)

项目	BG-PPH	BG-EPH
别名	1-苯氧基-2-丙醇	乙二醇单苯醚
CAS 号	770-35-4	122-99-6
纯度 (%)	≥99.0	≥99.0
外观	无色透明液体	无色透明液体
沸点 (°C)	242.7	245
挥发速率 BuAC=1.0	≤0.01	<0.01
在水中溶解度 (%)	1.1	2.5
pH 值	6-8	6-8
相对密度 (25°C)	1.06	1.11
HLB 值	5.9	5.4
水分 (%)	≤0.1	≤0.2

特性与用途

BG-PPH

1. 树脂溶解力强, 适配电泳漆、涂料油墨常用树脂。
2. 兼具成膜、耦合功效, 改善体系流平性。
3. 耐高温, 适配烘烤、电泳高温施工工艺。

BG-EPH

1. 环保高效成膜, 提升漆膜致密性与附着力。
2. 体系兼容性佳, 配方稳定不分层。
3. 低毒环保, 符合高端涂装环保标准。

应用领域

- 电泳漆体系
- 工业涂料与油墨
- 高端环保涂装体系
- 需高温烘烤的涂料工艺

包装及贮存

- (1) 25Kg涂塑桶, 200Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品, 应贮存在阴凉干燥处。保质期24个月

1-Phenoxy-2-propanol & Ethylene Glycol Phenyl Ether (BG-PPH & BG-EPH)

Basic Parameters (Typical data, not representative of product properties for sale)

Item	BG-PPH	BG-EPH
Synonym	1-Phenoxy-2-propanol	2-Phenoxyethanol
CAS No.	770-35-4	122-99-6
Purity (%)	≥99.0	≥99.0
Appearance	Colorless transparent liquid	Colorless transparent liquid
Boiling Point (°C)	242.7	245
Evaporation Rate (BuAc=1.0)	≤0.01	<0.01
Solubility in Water (%)	1.1	2.5
pH Value	6-8	6-8
Relative Density (25°C)	1.06	1.11
HLB Value	5.9	5.4
Moisture (%)	≤0.1	≤0.2

Features and Applications

BG-PPH

1. Strong resin solvency, compatible with resins for electrophoretic paints, coatings and inks.
2. Dual film-forming and coupling effects, improving system leveling.
3. Heat-resistant, suitable for baking and high-temperature electrophoretic processes.

BG-EPH

1. Eco-friendly high-efficiency film formation, enhancing coating compactness and adhesion.
2. Excellent system compatibility, stable formulation without stratification.
3. Low-toxic and eco-friendly, meeting high-end coating environmental standards.

Application Fields

- Electrodeposition paint systems
- Industrial coatings and inks
- High-end environmentally friendly coating systems
- Coatings requiring high-temperature baking processes

Packaging and Storage

- (1) 25Kg plastic-coated drums, 200Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months

乙二醇己醚 BG-EGH & 二乙二醇己醚 BG-DEGH

基本参数 (典型数据, 不代表所售产品特性)

项目	BG-EGH	BG-DEGH
别名	乙二醇单己醚	二乙二醇单己醚
CAS No.	112-25-4	112-59-4
外观	无色透明液体	无色透明液体
纯度 (%)	≥99.0	≥98.0
水分 (%)	≤0.15	≤0.20
色度 (Hazen)	≤15	≤25
倾点 (°C)	-45	-40

特性与用途

BG-EGH

1. 低挥发辅助溶剂, 与BG-DEGH复配使用, 精准调节体系挥发梯度
2. 有效避免烘烤过程中表面针孔、气泡缺陷, 保障漆膜外观
3. 适配性强, 广泛用于电泳漆、涂料油墨、清洗工业等领域

BG-DEGH

1. 更长分子链, 亲水性与树脂渗透性更强
2. 阴极电泳漆中提升漆膜流平与润湿性, 减少缩孔、橘皮
3. 慢干高沸点溶剂, 适配高固含、高温烘烤工艺

应用领域

- 电泳漆: 帮助树脂溶解、降低黏度; 改善电泳成膜、流平; 提高漆膜光泽与致密性。
- 涂料油墨: 溶剂、成膜助剂, 提升流平、润湿、降粘。
- 清洗工业: 金属除油、工业清洗剂、电子清洗剂。
- 日化助剂: 表面活性剂耦合剂、乳化助溶剂。
- 纺织皮革: 匀染剂、渗透剂、皮革脱脂润湿。

包装及贮存

- (1) 25Kg涂塑桶, 180Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品, 应贮存在阴凉干燥处。保质期24个月。

Ethylene Glycol Monohexyl Ether (BG-EGH) & Diethylene Glycol Monohexyl Ether (BG-DEGH)

Basic Parameters (Typical data, not representative of product properties for sale)

Item	BG-EGH	BG-DEGH
Synonym	Glycol Monohexyl Ether	Diethylene Glycol Monohexyl Ether
CAS No.	112-25-4	112-59-4
Appearance	Colorless transparent liquid	Colorless transparent liquid
Purity (%)	≥99.0	≥98.0
Moisture (%)	≤0.15	≤0.20
Color (Hazen)	≤15	≤25
Density (25°C, g/ml)	0.88	0.94
pour point (°C)	-45	-40

Features and Applications

BG-EGH

1. Low-volatility co-solvent; works with BG-DEGH to precisely control evaporation rate
2. Prevents pinholes and bubbles during baking, ensuring a smooth film appearance
3. Versatile for electrodeposition paints, coatings & inks, and industrial cleaning

BG-DEGH

1. Longer molecular chain for better hydrophilicity and resin penetration
2. Improves leveling and wetting in cathodic electrodeposition, reducing craters and orange peel
3. High-boiling, slow-evaporating solvent ideal for high-solids and high-bake systems

Typical Applications

- Electrodeposition Paints: Excellent solvency for epoxy/amine resins, ensuring bath stability and leveling.
- High-solids Systems: Slow-evaporating solvent for high-solids, high-bake coatings and inks.
- Waterborne Systems: Coalescent for water-based coatings/inks, improving freeze-thaw and foam stability.
- Industrial Cleaning: Heavy oil cleaning and PCB precision cleaning.

Packaging and Storage

- (1) 25Kg plastic-coated drums, 180Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months.

乙二醇异辛醚 BG-2-EHG & 二乙二醇异辛醚 BG-EHDG

基本参数 (典型数据, 不代表所售产品特性)

项目	BG-2-EHG	BG-EHDG
分子式	C ₁₀ H ₂₂ O ₂	C ₁₂ H ₂₆ O ₃
别名	乙二醇单异辛醚	二乙二醇单异辛醚
外观	无色透明液体	无色透明液体
分子式	C ₁₀ H ₂₂ O ₂	C ₁₂ H ₂₆ O ₃
CAS No.	1559-35-9	1559-36-0
纯度 (%)	≥99.0	≥98.0
水分 (%)	≤0.2	≤0.2
沸点 (°C)	224-229	260-270
闪点 (°C)	109	113
倾点 (°C)	-75	-82

特性与用途

BG-2-EHG

1. 超低倾点 (-75°C), 低温不凝固、流动性极佳。
2. 溶解力强、挥发适中、低气味, 可有效降粘、流平润湿、提升体系闪点与储存稳定性。
3. 主要用作树脂溶剂、涂料油墨助剂、低温施工配方改良剂、工业清洗剂及纺织印染助剂。

BG-EHDG

1. 超低温超低倾点 (-82°C), 耐低温性能更优异, 高沸点、低挥发、慢干性好。
2. 配伍性广、成膜均匀, 可改善漆膜橘皮、刷痕, 稳定体系粘度, 提升产品使用安全性。
3. 适用于高端慢干涂料、丝网油墨、水性树脂、精细助剂配方。

应用领域

- 电泳漆: 中沸点成膜助剂, 溶解环氧树脂、胺类树脂, 改善流平与光泽。
- 涂料油墨: 溶剂、成膜助剂, 润湿流平、降粘防缩孔。
- 工业清洗: 金属除油、重油污清洗剂、脱脂渗透。
- 纺织印染: 渗透剂、匀染剂、润湿乳化。
- 日化农化: 助溶剂、乳化耦合剂、农药溶剂。

包装及贮存

- (1) 25Kg涂塑桶, 180Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品, 应贮存在阴凉干燥处。保质期24个月。

Ethylene Glycol Monoisooctyl Ether (BG-2-EHG) & Diethylene Glycol Monoisooctyl Ether (BG-EHDG)

Basic Parameters (Typical data, not representative of product properties for sale)

Item	BG-2-EHG	BG-EHDG
Molecular Formula	C ₁₀ H ₂₂ O ₂	C ₁₂ H ₂₆ O ₃
Synonym	Glycol Monoisooctyl Ether	Glycol Monoisooctyl Ether
CAS No	1559-35-9	1559-36-0
Appearance	Colorless transparent liquid	Colorless transparent liquid
Purity (%)	≥99.0	≥98.0
Moisture (%)	≤0.2	≤0.2
Boiling Point (°C)	224-229	260-270
Flash Point (°C)	109	113
pour point (°C)	-75	-82

Features and Applications

BG-2-EHG

1. Ultra-low pour point (-75°C): remains fluid at low temperatures.
2. Strong solvency, moderate volatility, low odor; reduces viscosity, improves leveling/wetting.

BG-EHDG

1. Ultra-low pour point (-82°C): superior low-temperature resistance, high boiling point, low volatility, slow-drying.
2. Wide compatibility, uniform film formation; eliminates orange peel/brush marks, stabilizes viscosity, improves safety.

Typical Applications

- Electrophoretic Paints: Medium-boiling film-forming assistant, dissolving epoxy and amine resins, improving leveling and gloss.
- Coatings & Inks: Solvent and film-forming assistant for wetting, leveling, viscosity reduction and anti-cratering.
- Industrial Cleaning: Metal degreasing, heavy oil cleaners, degreasing and penetration.
- Textile Printing & Dyeing: Penetrant, leveling agent, wetting and emulsifying agent.

Packaging and Storage

- (1) 25Kg plastic-coated drums, 180Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months.

二乙二醇丁醚缩甲醛 BG-DGF

分子式: $C_{17}H_{36}O_6$

分子量: 336.43

别名: 5,8,11,13,16,19-六氧杂二十三烷

英文名: Diethylene Glycol Butyl Ether Formaldehyde

CAS No.: 143-29-3

基本参数 (典型数据, 不代表所售产品特性)

纯度 (%)	≥95.0	外观	淡黄色至无色透明液体
色度 (Hazen)	≤8	水分 (%)	≤0.5
沸点 (°C)	392.3	丁醚含量 (%)	<2
密度 (25°C) g/ml	0.951-0.975	酸值 (mgKOH/g)	≤0.01

特性与用途

1. 高沸点慢干溶剂, 适配电泳漆、涂料等体系
2. 优异的化学稳定性、耐候性与溶解性能
3. 兼具抗氧化、抗老化性能, 提升产品使用寿命

应用领域

- 电泳漆: 优化漆膜流平, 消除针孔、橘皮缺陷, 提升光泽、附着力与防腐耐盐雾性能
- 润滑剂: 改善抗磨损性能, 延长油品使用寿命, 提升抗氧化稳定性
- 清洗剂: 高效去除金属表面污渍、油脂, 具备优异的清洗能力
- 防腐剂/增塑剂: 抑制有机物氧化老化, 提升塑料韧性、耐热性与加工流动性

包装及贮存

- (1) 25Kg涂塑桶, 190Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品, 应贮存在阴凉干燥处。保质期24个月。

Diethylene Glycol Butyl Ether Formaldehyde (BG-DGF)

Molecular Formula: C₁₇H₃₆O₆

Molecular Weight: 336.43

Synonym: 5,8,11,13,16,19-Hexaoxatricosane

CAS No. : 143-29-3

Basic Parameters (Typical data, not representative of product properties for sale)

Purity (%)	≥95.0	Appearance	A pale yellow to colorless liquid
Color (Hazen)	≤8	Moisture (%)	≤0.5
Boiling Point (°C)	392.3	Butyl Ether Content (%)	<2
Density (25°C, g/ml)	0.951-0.975	Acid Value (mgKOH/g)	≤0.01

Features and Applications

1. High-boiling point slow-evaporating solvent, ideal for electrodeposition paints and coatings
2. Excellent chemical stability, weather resistance and solvency
3. Good anti-oxidation and anti-aging properties, extending product service life
4. Reliable quality, with bulk exports to Europe, Japan and South Korea

Typical Applications

- Electrodeposition Paints: Improves film leveling, eliminates pinholes/orange peel, enhances gloss, adhesion and salt spray resistance
- Lubricants: Improves anti-wear performance, extends service life, and enhances oxidation stability
- Cleaners: Effectively removes dirt and grease from metal surfaces with excellent cleaning power
- Preservatives & Plasticizers: Inhibits oxidation and aging of organics; improves plastic toughness, heat resistance and processability

Packaging and Storage

- (1) 25Kg plastic-coated drums, 190Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months.

1,2-丙二醇二乙酸酯 BG-PGDA&异丁酸苯氧乙酯BG-PEIB

基本参数（典型数据，不代表所售产品特性）

项目	BG-PGDA	BG-PEIB
别名	1,2 丙二醇二醋酸酯	异丁酸苯氧基乙酯
CAS No.	623-84-7	103-60-6
纯度 (%)	≥99.0	≥99.0
外观	无色透明液体	无色透明液体
水分 (%)	≤0.10	≤0.10
沸点 (°C)	187-193	281
pH 值	6±0.5	6±0.5

特性与用途

BG-PGDA

1. 环保高沸点溶剂。
2. 低VOC、气味温和，与固化剂相容性优异。
3. 溶解力强，改善流平、降低粘度，适配高端涂料油墨体系。

BG-PEIB

1. 多功能芳香酯溶剂，兼具流平增效作用。
2. 提升光泽与展色性，稳定性好，环保安全，适配高端涂料与油墨配方。

应用领域

BG-PGDA

- 电泳漆：用作电泳漆溶剂，提升体系稳定性与流平性。
- 涂料工业：高沸点慢干溶剂，用于汽车漆、卷材涂料、工业烤漆、水性涂料（成膜助剂），改善流平、光泽与附着力。
- 油墨工业：PCB油墨、丝印/柔印油墨、数码喷墨油墨的环保主溶剂，低味、高溶解力。

BG-PEIB

- 电泳漆：辅助成膜与流平，改善漆膜外观与致密性。
- 涂料/油墨：高沸点环保溶剂、成膜助剂，提升光泽与流平。
- 工业清洗：工业清洗剂、去污剂、漂白剂的助溶剂与提香剂。

包装及贮存

- (1) 25Kg涂塑桶，200Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品，应贮存在阴凉干燥处。保质期24个月。

1,2-Propylene Glycol Diacetate (BG-PGDA) & 2-Phenoxyethyl Isobutyrate (BG-PEIB)

Basic Parameters (Typical data, not representative of product properties for sale)

Item	BG-PGDA	BG-PEIB
Synonym	1,2-Propylene Glycol Diacetate	2-Phenoxyethyl Isobutyrate
CAS No.	623-84-7	103-60-6
Purity (%)	≥99.0	≥99.0
Appearance	Colorless transparent liquid	Colorless transparent liquid
Boiling Point (°C)	187-193	281
pH Value	6±0.5	6±0.5

Features and Applications

BG-PGDA

1. Eco-friendly high-boiling solvent, mild odor, excellent compatibility with curing agent.

BG-PEIB:

1. Multi-functional aromatic ester solvent with leveling enhancement, improving gloss and color.

Typical Applications

BG-PGDA

- Electrophoretic Paints: Solvent for electrophoretic paints, improving system stability and leveling.
- Coatings Industry: High-boiling slow-evaporating solvent for automotive, coil, industrial baking and waterborne coatings (film-forming assistant), improving leveling, gloss and adhesion.
- Daily Chemicals/Food: Perfume and cosmetic solvent; food flavor carrier (FDA approved).

BG-PEIB

- Electrophoretic Paints: Auxiliary film formation and leveling, improving coating appearance and compactness.
- Flavors & Fragrances: Honey, fruity and rose notes; used in daily fragrances (soaps, shampoos, detergents) and edible flavors (peach, honey, cold drinks).
- Coatings/Inks: High-boiling eco-friendly solvent and film-forming assistant.

Packaging and Storage

- (1) 25Kg plastic-coated drums, 200Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months.

乙二醇苯醚醋酸酯(BG-EPA)&丙二醇苯醚醋酸酯(BG-PPA)

基本参数 (典型数据, 不代表所售产品特性)

项目	BG-EPA	BG-PPA
别名	乙酸苯氧基乙酯	乙酸-2-苯氧基丙酯
外观 (25°C)	无色透明液体	无色透明液体
纯度 (%)	≥98	≥98
水分 (%)	≤0.2	≤0.2
色度 (Hazen)	≤50	≤50

特性与用途

产品为无色透明液体, 具有令人愉快的花、果香特征。PH值为7.0左右, 溶于醇、醚、酯、苯、烃类等溶剂。对人、家畜均无毒性, 属绿色环保型产品。属于双官能团高级工业溶剂, 其溶剂性能优于乙二醇醚、丙二醇醚及通用溶剂。可作为多种高分子材料, 例如: 树脂、橡胶、纤维素、天然高分子 (各种油脂、蜡、松香、等)、合成高分子等的优良溶剂。在涂料、油墨、粘合剂中采用, 可大大提高产品性能。

产品由于沸点高, 蒸发速率适中, 可使油漆具有慢干特性, 更适用于彩色漆和乳胶漆; 在汽车、家电工业中作为烤漆的辅助溶剂, 可使烤漆性能明显改善; 在纺织印染工业中, 作为纺织染整助剂的溶剂, 适用于转移印花法印染加工。

应用领域

- 电泳漆: 优化漆膜流平, 消除针孔、橘皮缺陷, 提升光泽、附着力与防腐耐盐雾性能。
- 树脂: 对丙烯酸、环氧树脂等多种聚合物有良好的溶解性能。
- 工业清洗: 可用于工业清洗剂或脱漆剂中, 帮助去除表面涂层。
- 化学中间体: 以本品为原料, 可制备一系列化工产品。如光敏剂、光聚合引发剂、液晶定向剂、驱虫剂、杀螨剂、杀虫剂失效显示剂, 以及各种EPA衍生物等。

包装及贮存

- (1) 25Kg涂塑桶, 200Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品, 应贮存在阴凉干燥处。保质期24个月。

Ethylene Glycol Phenyl Ether Acetate (BG-EPA) & Propylene Glycol Phenyl Ether Acetate (BG-PPA)

Basic Parameters (Typical data, not representative of product properties for sale)

Item	BG-EPA	BG-PPA
Alternative Name	2-Phenoxyethyl Acetate	2-Phenoxypropyl Acetate
Appearance (25°C)	Clear, colourless liquid	Clear, colourless liquid
Purity (%)	≥98	≥98
Water Content (%)	≤0.2	≤0.2
Colour (Hazen)	≤50	≤50

Features and Applications

Both products are clear colourless liquids featuring pleasant floral and fruity aroma, with a pH value around 7.0. They are miscible with alcohols, ethers, esters, benzene derivatives and hydrocarbon solvents. Non-toxic to humans and livestock, the products are eco-friendly green chemicals.

As high-performance bifunctional industrial solvents, their solvency outperforms glycol ethers, propylene glycol ethers and conventional general-purpose solvents. They serve as premium solvents for diverse polymeric materials including resins, rubbers, cellulose, natural macromolecules (oils, waxes, rosin, etc.) and synthetic polymers, effectively improving end-product quality when formulated into coatings, printing inks and adhesives.

Thanks to high boiling point and moderate evaporation rate, the solvents impart slow-drying property to paints, making them ideal for pigmented coatings and latex paints. Used as auxiliary solvents for baking enamels in automotive and home appliance manufacturing, they substantially enhance baking coating performance. In textile printing & dyeing industry, they are applied as solvent components of finishing auxiliaries for transfer printing processes.

Typical Applications

- **Electrophoretic Coatings:** Improves film levelling, eliminates pinholes and orange peel defects, and enhances gloss, adhesion as well as salt spray corrosion resistance of coating films.
- **Resin Industry:** Exhibits excellent dissolving capacity for acrylic resin, epoxy resin and various other polymers.
- **Industrial Cleaning:** Formulated into industrial cleaning agents and paint strippers to remove surface coating layers.
- **Chemical Intermediates:** Used as feedstock to synthesize fine chemicals such as photosensitizers, photoinitiators, liquid crystal alignment agents, insect repellents, acaricides and pesticide efficacy indicators, alongside a full range of EPA derivatives.

Packaging and Storage

- (1) 25Kg plastic-coated drums, 200Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months.

双酚A聚氧乙烯醚 BPG-6

分子式: $C_{27}H_{40}O_8$

别名: 双酚A-6EO

英文名: Bisphenol A Ethoxylate (6EO)

CAS No. : 32492-61-8

基本参数 (典型数据, 不代表所售产品特性)

纯度 (%)	≥99.0	外观	无色至浅黄色透明液体
色度 (Hazen)	≤50	水分 (%)	≤0.15
pH(25°C,1%)	6.0-8.0	闪点 (°C)	≥110
密度 (25°C) g/ml	1.18	羟值 (mgKOH/g)	216-235

产品分类

序号	BPG
1	双酚 A-2EO (BPG-2)
2	双酚 A-6EO (BPG-6)
3	双酚 A-10EO (BPG-10)
4	双酚 A-15EO (BPG-15)
5	双酚 A-20EO (BPG-20)

特性与用途

- 性能全面: 优异的耐热性、耐化学性、高韧性与电绝缘性
- 相容性强: 与环氧树脂、酚醛树脂相容性极佳, 显著提升涂层附着力、硬度、耐腐蚀性与耐候性
- 多场景适配: 电泳漆、涂料油墨、电子绝缘、复合材料等领域通用

应用领域

- 阴极电泳漆: 环氧扩链增韧, 提升防腐性能、附着力与涂层柔韧性
- 聚氨酯体系: 防水、涂料、弹性体的增强改性助剂
- 玻纤复合材料: 浸润剂、粘结剂, 增强层间强度
- 其他: 表面活性剂中间体、电子封装、特种胶黏剂原料

包装及贮存

- (1) 25Kg涂塑桶, 200Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品, 应贮存在阴凉干燥处。保质期24个月。

Bisphenol A Ethoxylate (6EO) BPG-6

Molecular Formula: C₂₇H₄₀O₈

Synonym: Bisphenol A-6EO

CAS No. : 32492-61-8

Basic Parameters (Typical data, not representative of product properties for sale)

Purity (%)	≥99.0	Appearance	Colorless to pale yellow liquid
Color (Hazen)	≤50	Moisture (%)	≤0.15
pH (25°C, 1%)	6.0-8.0	Flash Point (°C)	≥110
Density (25°C, g/ml)	1.18	Hydroxyl Value (mgKOH/g)	216-235

Product Classification

No.	BPG Series
1	Bisphenol A-2EO (BPG-2)
2	Bisphenol A-6EO (BPG-6)
3	Bisphenol A-10EO (BPG-10)
4	Bisphenol A-15EO (BPG-15)
5	Bisphenol A-20EO (BPG-20)

Features and Applications

1. All-round Performance: Excellent heat resistance, chemical resistance, high toughness and electrical insulation
2. High Compatibility: Ideal compatibility with epoxy and phenolic resins, significantly improving coating adhesion, hardness, corrosion resistance and weatherability
3. Multi-scenario Use: Widely used in electrodeposition paints, coatings & inks, electrical insulation and composite materials

Typical Applications

- Cathodic Electrodeposition Paints: Epoxy chain extension & toughening, enhancing anti-corrosion, adhesion and flexibility
- Polyurethanes: Reinforcing modifier for waterproof coatings, paints and elastomers
- Others: Surfactant intermediates, electronic encapsulation and specialty adhesives

Packaging and Storage

- (1) 25Kg plastic-coated drums, 200Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months.

双酚芴聚氧乙烯醚 BHPF-3300

基本参数 (典型数据, 不代表所售产品特性)

外观	淡黄色粘稠液体
水溶性	易溶于水
密度 (25°C) g/ml	1.10-1.15
水分 (%)	≤0.15
羟值 (mgKOH/g)	62-70
pH 值	6.0-8.0

产品分类

序号	链长可调	HLB 值
1	10EO	10.7
2	20EO	13.8
3	30EO	15.4
4	40EO	16.3
5	50EO	16.9

对HLB值有特殊要求,
可主动联系选择添加PO链调整

特性与用途

1. BHPF-3300具有的苯环的刚性和聚醚链段的柔软性, 可改善合成高分子材料的性质。
2. BHPF-3300是替代双酚A聚醚的绝佳选择, 核心优势在于无双酚A毒性、耐热与热稳定性更强、光学性能优异、耐水解/耐候/阻燃更好同时兼顾刚性与韧性平。

BPG-6与BHPF-3133性状对比表

	BPG-6	BHPF3133
外观	无色至浅黄色透明液体	淡黄色粘稠液体
色度 (Hazen)	≤50	≤200
水溶性	易溶于水	易溶于水
密度 (25°C) g/ml	1.18	1.10-1.15
羟值 (mgKOH/g)	216-235	104-114
HLB 值	12.1	12.1
pH 值	6.0-8.0	6.0-8.0

应用领域

- BHPF-3300可应用为电泳漆中的增韧剂, 改进阴极电泳漆的防腐性、柔韧性、层间附着力和涂料的耐老化性、耐化学腐蚀性、电性能和机械强度等。
- 可制成聚酯树脂、UV光固化单体、防腐涂料、油墨涂料、电泳漆涂料和黏合材料等。

包装及贮存

- (1) 25Kg涂塑桶, 200Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品, 应贮存在阴凉干燥处。保质期24个月。

Bisphenol Fluorenyl Polyoxyethylene Ether (BHPF-3300)

Basic Parameters (Typical data, not representative of product properties for sale)

Appearance	Pale yellow viscous liquid
Water Solubility	Easily soluble in water
Density (25°C, g/ml)	1.10-1.15
Moisture (%)	≤0.15
Hydroxyl Value (mgKOH/g)	62-70
pH Value	6.0-8.0

Product Classification

No.	Chain Length	HLB Value
1	10EO	10.7
2	20EO	13.8
3	30EO	15.4
4	40EO	16.3
5	50EO	16.9

For special HLB requirements, PO chains can be added for adjustment upon request.

Features and Applications

1. BHPF-3300 combines rigidity from benzene ring backbone and flexibility from polyether segments.
2. The BHPF-3300 is an excellent alternative to bisphenol A polyether. Its core advantages include absence of bisphenol A toxicity, enhanced heat resistance and thermal stability,, improved hydrolysis resistance, weather resistance, flame retardancy, and higher dimensional stability, while achieving a balanced combination of rigidity and toughness.

Properties Comparison: BPG-6 vs BHPF-3133

Item	BPG-6	BHPF-3133
Appearance	Colorless to pale yellow transparent liquid	Pale yellow viscous liquid
Color (Hazen)	≤50	≤200
Water Solubility	Easily soluble in water	Easily soluble in water
Density (25°C, g/ml)	1.18	1.10-1.15
Hydroxyl Value (mgKOH/g)	216-235	104-114
HLB Value	12.1	12.1
pH Value	6.0-8.0	6.0-8.0

Typical Applications

- Electrophoretic paints: improving corrosion resistance, flexibility, interlayer adhesion of cathodic electrophoretic coatings, as well as aging resistance, chemical resistance, electrical and mechanical properties of coatings.
- It can be used to produce polyester resins, UV curable monomers, anti-corrosion coatings, inks, electrophoretic paints and adhesives, with broad application prospects.

Packaging and Storage

- (1) 25Kg plastic-coated drums, 200Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months.

酮亚胺 BGK-NT

化学成分: 二乙烯三胺与甲基异丁基酮缩合得到的产物

结 构: 双-N,N'-(甲基-丁基亚甲基)-二乙烯三胺

俗 称: 酮亚胺

基本参数 (典型数据, 不代表所售产品特性)

外观	无色至琥珀色透明液体
胺当量 (g/eq)	117-123
纯度 (%)	>95
密度 (25°C) g/cm ³	1.82-1.88

特性与用途

1. 潜伏固化: 干燥状态稳定, 遇湿气 (水) 水解, 释放活性胺基固化。
2. 低味低毒: 挥发性极低, 无胺臭, 刺激性远小于二乙烯三胺等游离胺。
3. 施工性优: 低粘度, 与树脂相容性好, 适用期长, 无气泡针孔。
4. 固化性能好: 室温 / 低温、潮湿环境均可固化, 漆膜附着力强、耐腐蚀。

应用领域

- 电泳漆: 作为电泳漆专用潜伏型固化助剂, 水解固化不会产生气泡, 可有效改善漆膜针孔麻点缺陷, 促进低温固化、提升漆膜交联密度与硬度, 增强涂层附着力、耐腐蚀性与边角上漆效果, 同时稳定电泳槽液体系, 延长储存与施工使用周期。
- 工业涂料: 单组分环氧/聚氨酯湿固化体系, 高固含低气味, 适配重防腐、地坪、风电桥梁涂料, 厚涂不开裂、固化均匀。
- 油墨: 丝印/塑胶/金属油墨长效开放, 湿气低温固化, 提升附着力、耐刮、耐溶剂, 多层印刷无缺陷。
- 其他领域: 胶粘剂、密封胶、灌封材料、潮湿环境修补料, 实现单组份免配比、快速湿气固化。

包装及贮存

- (1) 25Kg涂塑桶, 370Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品, 应贮存在阴凉干燥处。保质期24个月。

Ketimine (BGK-NT)

Chemical Composition: Condensation product of diethylene triamine and methyl isobutyl ketone

Structure: Bis-N,N'-(methyl-butylmethylene)-diethylene triamine

Common Name: Ketimine

Basic Parameters (Typical data, not representative of product properties for sale)

Appearance	Colorless to amber transparent liquid
Amine equivalent (g/eq)	117-123
Purity (%)	>95
Density (25°C, g/cm ³)	1.82-1.88

Features and Applications

1. Latent Curing: Stable in dry state; hydrolyzes upon contact with moisture (water) to release active amino groups for curing.
2. Low Odor & Low Toxicity: Extremely low volatility, no amine odor, much lower irritation than free amines such as diethylene triamine.
3. Excellent Application Properties: Low viscosity, good resin compatibility, long pot life, no bubbles or pinholes.
4. Superior Curing Performance: Curable at room/low temperature and in humid environments; strong adhesion, corrosion resistance and wear resistance.

Typical Applications

- **Electrophoretic Paint:** As a special latent curing auxiliary for electrophoretic paint, it generates no bubbles during hydrolysis and curing, effectively eliminates pinholes and blemishes on coating films.
- **Industrial Coatings:** Applied in one-component moisture-curable epoxy and polyurethane systems, featuring high solid content and low odor. Suitable for heavy-duty anti-corrosion, floor, wind power and bridge coatings, achieving uniform curing without cracking under thick film application.
- **Inks:** Provides long open time for screen printing, plastic and metal inks, realizes low-temperature moisture curing, improves adhesion, scratch resistance and solvent resistance with no defects in multi-layer printing.
- **Other Fields:** Widely used in adhesives, sealants, potting materials and repairing materials for humid environments, enabling one-component formula with convenient operation and rapid moisture curing.

Packaging and Storage

- (1) 25Kg plastic-coated drums, 370Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24months.

炔醇功能聚醚表面活性剂 BG-S104E & BG-S104BC

基本参数（典型数据，不代表所售产品特性）

项目	BG-S104E	BG-S104BC
活性成分	炔二醇	炔二醇
溶剂	乙二醇	二乙二醇丁醚
外观（25°C）	淡黄色透明液体	淡黄色透明液体
泡沫性能	消泡	消泡
密度（25°C）g/cm ³	0.99	0.90
表面张力（0.1%）	32.8	37.7
活性物含量（%）	50	50
溶解度（25°C）	微溶	微溶

特性与用途

BG-S104E

消泡、润湿力好，亲水性强、相容性佳、环保性优，不易缩孔针孔。用于适配环保高要求水性体系。

BG-S104BC

消泡性，溶解力更强、润湿渗透力更优，慢干、耐体系强，对难润湿基材适配性好。

应用领域

- 阴极电泳漆：做低泡基材润湿、防缩孔、抑泡流平。
- 建筑/水性木器漆/工业漆：润湿底材、消除针孔、抑泡防缩孔。
- 水性油墨、上光油：动态润湿、控泡、提升流平爽滑。
- 水性胶粘剂：润湿界面、低泡稳体系、提高附着力。
- 颜料色浆：颜料分散润湿、防絮凝、降粘度。
- 皮革/纺织乳液：渗透润湿、乳化稳泡、提升铺展性。
- 水性工业清洗剂：渗透除油、润湿铺展、低泡清洗。

包装及贮存

- (1) 25Kg涂塑桶，190Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品，应贮存在阴凉干燥处。保质期24个月。

Alkyl ether functional polyether surfactant (BG-S104E & BG-S104BC)

Basic Parameters (Typical data, not representative of product properties for sale)

Item	BG-S104E	BG-S104BC
Active Ingredient	Acetylenic Diol	Acetylenic Diol
Solvent	Ethylene Glycol	Diethylene glycol monobutyl ether
Appearance (25°C)	Pale yellow transparent liquid	Pale yellow transparent liquid
Foam Performance	Defoaming	Defoaming
Density (25°C, g/cm ³)	0.99	0.90
Surface Tension (0.1%)	32.8	37.7
Active Content (%)	50	50
Solubility (25°C)	Slightly soluble	Slightly soluble

Features and Applications

BG-S104E

Low surface tension, low foaming, excellent wetting, high hydrophilicity, good compatibility, eco-friendly, resistant to craters and pinholes. Suitable for environmentally friendly high-demand waterborne systems.

BG-S104BC

Stronger solvency, better wetting and penetration, slow-evaporating, wide compatibility, ideal for poorly wettable substrates.

Typical Applications

- Cathodic Electrophoretic Paints: Low-foam substrate wetting, anti-cratering, defoaming and leveling.
- Architectural/Waterborne Wood/Industrial Coatings: Substrate wetting, pinhole elimination, defoaming and anti-cratering.
- Waterborne Inks & Varnishes: Dynamic wetting, foam control, improved leveling and smoothness.
- Waterborne Adhesives: Interface wetting, low-foam stabilization, enhanced adhesion.
- Pigment Pastes: Pigment dispersion and wetting, anti-flocculation, viscosity reduction.
- Waterborne Industrial Cleaners: Penetrating degreasing, wetting and spreading.

Packaging and Storage

- (1) 25Kg plastic-coated drums, 190Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months.

炔二醇非离子表面活性剂 BG-S1440 & BG-S1465

基本参数（典型数据，不代表所售产品特性）

项目	BG-S1440	BG-S1465
化学描述	乙氧基乙炔表面活性剂	乙氧基乙炔表面活性剂
外观	无色至浅黄色透明液体	无色至浅黄色透明液体
活性物含量 (%)	100	100
HLB 值	8	13
密度 (25℃)	0.93	1.04
溶解性	微溶于水	微溶于水

特性与用途

1. 对低能或污染基底具有良好的润湿效果
2. 优异的消泡和脱气效果
3. 优异的防缩孔能力
4. 可用于食品接触应用配方

应用领域

- 电泳漆：适用于阴极电泳，防止漆膜针孔缩孔，提高漆膜平整性与附着力。
- 涂料：适配溶剂型、低极性水性涂料，消泡防缩孔，改善流平，避免鱼眼。
- 油墨：降低动态表面张力，用于喷墨、丝网油墨，杜绝飞墨堵网，提升印刷效果。
- 光伏：应用于光伏背板、光伏切割液、电极浆料，消除涂布针孔，增强涂层致密性与耐候性。

包装及贮存

- (1) 25Kg涂塑桶，200Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品，应贮存在阴凉干燥处。保质期24个月。

Ethylene glycol nonionic surfactant (BG-S1440 & BG-S1465)

Basic Parameters (Typical data, not representative of product properties for sale)

Item	BG-S1440	BG-S1465
Chemical Description	Ethoxylated Acetylenic Surfactant	Ethoxylated Acetylenic Surfactant
Appearance	Colorless to pale yellow transparent liquid	Colorless to pale yellow transparent liquid
Active Content (%)	100	100
HLB Value	8	13
Density (25°C)	0.93	1.04
Solubility	Slightly soluble in water	Slightly soluble in water

Features and Applications

1. Excellent wetting on low-energy or contaminated substrates
2. Outstanding defoaming and deaeration
3. Superior anti-cratering performance
4. Suitable for food-contact formulations

Typical Applications

- Electrocoating paint: Suitable for cathodic electrophoresis, it efficiently defoams and degases, prevents pinholes and shrinkage in the paint film, and enhances the smoothness and adhesion of the paint film.
- Coatings: Compatible with solvent-based and low-polarity water-based coatings, it defoams and prevents shrinkage holes, improves leveling, and avoids fish eyes and sagging defects.
- Inks/Inkjet: Reduces dynamic surface tension, suitable for solvent-based inkjet and screen printing inks, eliminates ink misting and clogging of the mesh, and improves printing quality.

Packaging and Storage

- (1) 25Kg plastic-coated drums, 200Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months.

乙二醇非离子表面活性剂 BG-S1604 & BG-S1607

基本参数（典型数据，不代表所售产品特性）

项目	BG-S1604	BG-S1607
化学描述	乙氧基乙炔表面活性剂	乙氧基乙炔表面活性剂
外观	浅黄色透明液体	浅黄色透明液体
活性物含量（%）	100	100
HLB 值	8.1	11
密度（25℃）	0.98	0.98
静态表面张力（0.1%）	26.6	27.5

特性与用途

1. 较低的动力和静态表面张力
2. 不产生泡沫，不影响层间附着力
3. 应用于难润湿基材
4. 显著改善流动性和流平性

应用领域

- 电泳漆：适用于阴极电泳，防止漆膜针孔缩孔，提高漆膜平整性与附着力。
- 涂料：适配溶剂型、低极性水性涂料，消泡防缩孔，改善流平，避免鱼眼。
- 油墨：降低动态表面张力，用于喷墨、丝网油墨，杜绝飞墨堵网，提升印刷效果。
- 光伏：应用于光伏背板、光伏切削液、电极浆料，消除涂布针孔，增强涂层致密性与耐候性。

包装及贮存

- (1) 25Kg涂塑桶，200Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品，应贮存在阴凉干燥处。保质期24个月。

Ethylene glycol nonionic surfactant (BG-S1604 & BG-S1607)

Basic Parameters (Typical data, not representative of product properties for sale)

项目	BG-S1604	BG-S1607
Chemical Description	Ethoxylated Acetylenic Surfactant	Ethoxylated Acetylenic Surfactant
Appearance	Light yellow transparent liquid	Light yellow transparent liquid
Active Content (%)	100	100
HLB Value	8.1	11
Density (25°C)	0.98	0.98
static surface tension(0.1%)	26.6	27.5

Features and Applications

1. Low dynamic and static surface tension
2. No foaming, no negative impact on interlayer adhesion
3. Suitable for difficult-to-wet substrates
4. Significantly improves fluidity and leveling properties

Typical Applications

- Electrocoating paint: Suitable for cathodic electrophoresis, it efficiently defoams and degases, prevents pinholes and shrinkage in the paint film, and enhances the smoothness and adhesion of the paint film.
- Coatings: Compatible with solvent-based and low-polarity water-based coatings, it defoams and prevents shrinkage holes, improves leveling, and avoids fish eyes and sagging defects.
- Inks/Inkjet: Reduces dynamic surface tension, suitable for solvent-based inkjet and screen printing inks, eliminates ink misting and clogging of the mesh, and improves printing quality.

Packaging and Storage

- (1) 25Kg plastic-coated drums, 200Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months.

净味醇酯成膜助剂 BG-XL1200 & BG-XL1600

产品描述

BG-XL1200 & BG-XL1600产品为一种二元醇经单酯及双酯化制得的高沸点醇酯类化合物，为无色透明、低气味液体。能够替代醇酯12、醇酯16、丙二醇苯醚等，具有优异的成膜助剂性能、低挥发性和良好的溶解能力，广泛应用于水性涂料、油墨、胶黏剂及个人护理产品中。

基本参数（典型数据，不代表所售产品特性）

项目	BG-XL1200	BG-XL1600
酯含量 (%)	≥98.0	≥98.0
外观	无色透明液体	无色透明液体
气味	无明显气味	无明显气味
沸点 (°C)	260	280
色度 (APHA)	≤ 50	≤ 50
酸值 (mg KOH/g)	≤ 0.5	≤ 0.5
粘度 (25°C)mPa·s	10-30	10-40

产品优势

1. 低气味, 低VOC 环保型溶剂
2. 优异的成膜助剂性能
3. 改善流平与光泽
4. 良好的水解稳定性
5. 与多种树脂体系相容

BG-XL1200全能型成膜助剂，通用、高效、性价比高。

BG-XL1600长效耐候型成膜/增塑剂，超耐寒、耐水、净味、高端。

应用领域

- 水性建筑涂料（乳胶漆），工业涂料与木器漆
- 油墨与印刷体系
- 胶黏剂

包装及贮存

- (1) 25Kg涂塑桶，190Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品，应贮存在阴凉干燥处。保质期24个月。

Odor-neutralizing coalescing ester film-forming aid (BG-XL1200 & BG-XL160)

Product Description

BG-XL1200 and BG-XL1600 are high-boiling alcohol ester compounds synthesized via monoesterification and double esterification of a diol, which are colorless, transparent low-odor liquids. They can be used as substitutes for texanol ester alcohol 12, texanol ester alcohol 16, propylene glycol phenyl ether and other similar products, featuring excellent coalescing performance, low volatility and favorable solvency, and are widely applied in water-based coatings, printing inks, adhesives and personal care products.

Basic Parameters (Typical data, not representative of product properties for sale)

Item	BG-XL1200	BG-XL1600
Ester Content (%)	≥98.0	≥98.0
Appearance	Colorless transparent liquid	Colorless transparent liquid
Odor	No obvious odor	No obvious odor
Boiling Point (°C)	260	280
Color (APHA)	≤50	≤50
Acid Value (mgKOH/g)	≤0.5	≤0.5
Viscosity (25°C, mPa·s)	10-30	10-40

Product Advantages

1. Low odor, Excellent film-forming assistance
 2. Improved leveling and gloss
 3. Good hydrolysis stability, Compatible with various resin systems
- BG-XL1200: All-purpose film-forming assistant, universal, high-efficiency and cost-effective.
BG-XL1600: Long-acting weather-resistant film-forming/plasticizing agent, ultra-cold resistant, water resistant, odorless, high-end grade.

Typical Applications

- Waterborne architectural coatings (latex paints). Industrial coatings and wood coatings
- Inks and printing systems
- Cosmetics and personal care products (subject to relevant regulations)

Packaging and Storage

- (1) 25Kg plastic-coated drums, 190Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24 months.

聚乙二醇 PEG400/PEG1000/PEG2000/PEG4000

CAS No. : 25322-68-3

规格: PEG 400、PEG1000、PEG2000、PEG4000 (特殊规格, 可代为研制加工)

基本参数 (典型数据, 不代表所售产品特性)

规格	PEG400	PEG1000	PEG2000	PEG4000
外观 (25°C)	无色透明液体	乳白色膏状物	乳白色固状物	乳白色固状物
色泽 Pt-Co	≤20	≤40	≤50	≤50
羟值 (mgKOH/g)	255-312	102-125	51-63	26-32
分子量	360-440	900-1100	1800-2200	3500-4400
凝固点(°C)	4-10	38-41	48-50	53-54
水份 (%)	≤1.0	≤1.0	≤1.0	≤1.0
pH 值 (1%水溶液)	5.0-7.0	5.0-7.0	5.0-7.0	5.0-7.0

特性与用途

相对分子量较低的聚乙二醇可用作溶剂、助溶剂、o/w型乳化剂和稳定剂, 用于制作水泥悬剂、乳剂、注射剂等, 也用作水溶性软膏基质和栓剂基质, 相对分子量高的固体蜡状聚乙二醇常用于增加低分子量液体PEG的粘度和成固性, 以及外偿其他药物。

应用领域

- PEG400用作医药及化妆品的基质, 橡胶工业与纺织工业的润滑剂和润湿剂。
- PEG1000在医药、纺织、化妆品工业中用作基质或润滑剂、柔软剂。在涂料工业中用作分散剂; 改进树脂的水分散性、柔韧性, 用量为20-30%; 油墨中可提高染料的溶解能力, 降低其挥发性, 在蜡纸和印台油墨中尤其适用, 也可在圆珠笔油墨中作调节油墨粘稠度用; 在橡胶工业中作分散剂, 促进硫化作用, 用作炭黑填充料的分散剂。
- PEG2000用作金属加工铸模剂, 金属拉丝、冲压或成型的润滑剂及切削液, 研磨冷却润滑抛光剂、焊接剂等; 在造纸工业中用作润滑剂等, 也用作热熔黏合剂, 以增加快速的再润湿能力。
- PEG-4000在医药、化妆品工业生产中用作基质, 起调节粘度、熔点的作用; 在橡胶、金属加工工业中用作润滑剂、冷却剂, 在农药、颜料工业生产中用作分散剂、乳化剂; 在纺织工业中用作抗静电剂、润滑剂等。

包装及贮存

- (1) 25Kg涂塑桶, 200Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品, 应贮存在阴凉干燥处。保质期24个月。

Polyethylene glycol (PEG400/PEG1000/PEG2000/PEG4000)

CAS No.: 25322-68-3

Specifications: PEG 400、PEG 1000、PEG 2000、PEG4000 (custom specifications available)

Basic Parameters (Typical data, not representative of product properties for sale)

Specification	PEG400	PEG1000	PEG2000	PEG4000
Appearance (25°C)	Colorless transparent liquid	Milky white paste	Milky white solid	Milky white solid
Color (Pt-Co)	≤20	≤40	≤50	≤50
Hydroxyl Value (mgKOH/g)	255-312	102-125	51-63	26-32
Molecular Weight	360-440	900-1100	1800-2200	3500-4400
Solidifying Point (°C)	4-10	38-41	48-50	53-54
Moisture (%)	≤1.0	≤1.0	≤1.0	≤1.0
pH (1% Aqueous Solution)	5.0-7.0	5.0-7.0	5.0-7.0	5.0-7.0

Features and Applications

1. Low-molecular-weight polyethylene glycols are used as solvents, co-solvents, O/W emulsifiers and stabilizers for cement suspensions, emulsions, injections, etc.,
2. Water-soluble ointment bases and suppository bases. High-molecular-weight solid waxy polyethylene glycols are used to increase viscosity and solidification of low-molecular-weight liquid PEGs and for pharmaceutical formulations.

Typical Applications

- PEG400: Matrix for pharmaceuticals and cosmetics; lubricant and wetting agent for rubber and textile industries.
- PEG1000: Matrix/lubricant/softener for pharmaceuticals, textiles and cosmetics; dispersant for coatings to improve water dispersibility and flexibility of resins (dosage 20-30%).
- PEG2000: Molding agent for metal processing; lubricant and cutting fluid for metal drawing, stamping and forming; grinding, cooling and polishing agent; welding agent; lubricant for paper industry; hot-melt adhesive to enhance rapid rewetting.
- PEG-4000 is used as a base material in the production of the pharmaceutical and cosmetic industries, serving to regulate viscosity and melting point; it is used as a lubricant and coolant in the rubber and metal processing industries, and as a dispersant and emulsifier in the pesticide and pigment industries; in the textile industry, it is used as an anti-static agent and lubricant, etc.

Packaging and Storage

- (1) 25Kg plastic-coated drums, 200Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life:24 months.

聚丙二醇 PPG400/PPG1000/PPG2000/PPG4000

CAS No. : 25322-69-4

规格: PPG400、PPG1000、PPG2000、PPG4000 (特殊规格, 可代为研制加工)

基本参数 (典型数据, 不代表所售产品特性)

规格	PPG400	PPG1000	PPG2000	PPG4000
外观 (25°C)	无色透明油状粘稠液体	无色透明油状粘稠液体	无色透明油状粘稠液体	无色透明油状粘稠液体
色泽 Pt-Co	≤20	≤20	≤20	≤20
羟值 (mgKOH/g)	255-312	102-125	51-62	26-30
分子量	360-440	900-1100	1800-2200	3700-4300
酸值 (mgKOH/g)	≤0.5	≤0.5	≤0.5	≤0.5
水份 (%)	≤0.5	≤0.5	≤0.5	≤0.5
pH 值 (1%水溶液)	5.0-7.0	5.0-7.0	5.0-7.0	5.0-7.0

特性与用途

- PPG400: 低粘、高亲水、润湿强、消泡快、相容性好。
- PPG1000: 亲水亲油平衡、柔润性好、耐水解、稳泡抑泡适中。
- PPG2000: 高亲油、高润滑、耐高温、增塑柔化效果极强。
- PPG4000: 润滑性好、抗泡、耐热耐冻、低挥发、低毒、柔性佳、疏水。

应用领域

- 电泳漆: 提升槽液润湿流平、降低表面针孔缩孔、辅助消泡、改善漆膜附着力、提高颜料分散性。
- 涂料油墨: 润湿渗透剂、抑泡消泡、降低体系表面张力、提升底材润湿、适合水性工业漆、油墨防缩孔。

包装及贮存

- (1) 25Kg涂塑桶, 200Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品, 应贮存在阴凉干燥处。保质期24个月。

Propylene glycol (PPG400/PPG1000/PPG2000/PPG4000)

Chemical Composition: propylene oxide condensates

Type : nonionic

CAS No.: 25322-69-4

Specifications: BG-PPG400、1000、2000、PPG4000 (custom specifications available)

Basic Parameters (Typical data, not representative of product properties for sale)

Specification	PPG400	PPG1000	PPG2000	PPG4000
Appearance (25°C)	Colorless, transparent, viscous oily liquid	Colorless, transparent, viscous oily liquid	Colorless, transparent, viscous oily liquid	Colorless, transparent, viscous oily liquid
Color (Pt-Co)	≤20	≤20	≤20	≤20
Hydroxyl Value (mgKOH/g)	255-312	102-125	51-62	26-30
Molecular Weight	360-440	900-1100	1800-2200	3700-4300
Acid Value (mgKOH/g)	≤0.5	≤0.5	≤0.5	≤0.5
Moisture (%)	≤0.5	≤0.5	≤0.5	≤0.5
pH (1% Aqueous Solution)	5.0-7.0	5.0-7.0	5.0-7.0	5.0-7.0

Features and Applications

- PPG400: Low viscosity, high hydrophilicity, excellent wetting performance, fast defoaming, good compatibility.
- PPG1000: Balanced hydrophilic-lipophilic property, excellent flexibility, good hydrolysis resistance, moderate foam stabilization and defoaming effect.
- PPG2000: High lipophilicity, superior lubricity, high temperature resistance, outstanding plasticizing and softening effect.
- PPG4000: Good lubricity, anti-foaming property, heat and cold resistance, low volatility, low toxicity, excellent flexibility, hydrophobic.

Typical Applications

- Electrophoretic Paint: Improve wetting and leveling of bath solution, reduce surface pinholes and craters, assist defoaming, enhance film adhesion and pigment dispersibility.
- Coatings & Inks: Wetting penetrant, foam inhibition and defoaming, reduce system surface tension, enhance substrate wetting, suitable for water-based industrial coatings and anti-cratering for inks.

Packaging and Storage

- (1) 25Kg plastic-coated drums, 200Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life:24 months.

缓蚀剂 BGAF-60C17

产品描述

BGAF-60C17是基于烷基咪唑啉结构的阳离子表面活性剂，在电泳漆中有多种功能。核心用于缓蚀、防缩孔/针孔、改善流平、提升槽液稳定性。

基本参数（典型数据，不代表所售产品特性）

外观	琥珀色液体
不挥发物含量（%）	>97

注：以上为典型数据，不代表其规格

产品特点

- 金属缓蚀（最核心）
- 消除漆膜缺陷（防缩孔/针孔/干斑）
- 与炔二醇（如104E）复配，降低表面张力，改善底材润湿与流平。
- 抑制槽液中微生物滋生，减少因菌膜导致的缩孔、针孔、干斑。
- 改善电泳与成膜性能：阳离子型咪唑啉季铵盐可提高树脂分散稳定性，防止乳液团聚沉降。
- 槽液维护与稳定性

应用领域

- 阴极电泳漆
- 纺织助剂
- 工业清洗剂
- 两性表面活性剂合成

包装及贮存

- (1) 25Kg涂塑桶，200Kg塑胆桶。特殊要求面洽。
- (2) 本品属非危险品，应贮存在阴凉干燥处。保质期24个月。

Corrosion Inhibitor (BGAF-60C17)

Product Description

BGAF-60C17 is a cationic surfactant based on alkyl imidazoline structure, offering multiple functions in electrophoretic coatings. Its core applications include corrosion inhibition, prevention of cratering/pinholing, improved leveling, and enhanced bath stability.

Basic Parameters (Typical data, not representative of product properties for sale)

Appearance	Amber liquid
Non-volatile content (%)	>97

Application Features

- Eliminates film defects (prevents craters, pinholes, and dry spots)
- Compatible with acetylenic glycols (e.g., 104E) to reduce surface tension and improve substrate wetting and leveling
- Inhibits microbial growth in the bath, reducing craters, pinholes, and dry spots.
- Improves electrodeposition and film-forming properties: Cationic imidazoline quaternary ammonium salts enhance resin dispersion stability and prevent emulsion agglomeration and sedimentation
- Supports bath maintenance and stability

Typical Applications

- Cathodic electrophoretic coatings
- Textile auxiliaries
- Industrial cleaners
- Synthesis of amphoteric surfactants

Packaging and Storage

- (1) 25Kg plastic-coated drums, 200Kg plastic-lined drums. Special requirements are negotiable.
- (2) Non-hazardous product. Store in a cool and dry place. Shelf life: 24months.



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