

产品技术手册



[TECHNOLOGICAL HANDS]

A806 丙烯酸树脂

水性热固性丙烯酸树脂

Waterborne Thermosetting Acrylic Resin

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产品牌号 Code

- ◆ A806 丙烯酸树脂

产品分类 Category

- ◆ 水性热固性丙烯酸树脂 Waterborne Thermosetting Acrylic Resin

产品描述 Description

丙烯酸树脂是丙烯酸、甲基丙烯酸及其衍生物聚合物的总称。

热固性丙烯酸树脂在制漆时加入氨基树脂、环氧树脂、聚氨酯等发生交联形成网状结构，热固性树脂一般相对分子量较低。热固性丙烯酸涂料有优异的丰满度、光泽、硬度、耐溶剂性、耐候性、在高温烘烤时不变色、不返黄。最重要的应用是和氨基树脂配合制成烤漆，在汽车、摩托车、自行车、卷钢等产品上应用十分广泛。

A806 丙烯酸树脂是一种水油两性的热固型丙烯酸树脂。经有机氨中和后，与水互溶。和水性氨基树脂搭配使用，可制成玻璃，金属烤漆，电镀金油烤漆等；该涂料体系符合国家规定的环保要求，不含重金属，不含三苯，不含增塑剂成分。油漆施工简便，安全性高，涂装成本低，漆膜具有高光泽，高硬度，附着力极佳，同时具有超强的抗水，耐醇，耐盐雾等性能。

ELEGANT® Acrylic Resins are widely used as coating materials and applications in various industries. Dedicated to meeting diverse needs, ShangHai Legend Chemicals Co., Ltd offers a comprehensive product line including resins for Industry Baking Coating, Air Drying Coating, Fire Retardant Coating, Anticorrosive Paint, etc.

ELEGANT® A806 acrylic resin is a hydrophilic and thermosetting acrylic resin. After neutralization of organic ammonia, it is mutually soluble with water. It can be made into glass, metal paint, electroplated oil paint and so on. The coating system conforms to the national environmental protection requirements, does not contain heavy metal, does not contain triphenyl, does not contain plasticizer composition. Paint construction is simple, safe, low cost, paint film with high gloss, high hardness, excellent adhesion, as well as super water, alcohol and salt fog resistance.



◆ 水性热固性丙烯酸树脂 Waterborne Thermosetting Acrylic Resin

牌号 Code	粘度 (25℃) Viscosity	固体含量 (%) Non-Volatiles	色泽 (≤Gardner#) Color	酸值(mgKOH/G) Acid Value	细度(μ m) Fitness	溶剂 Solvent
A806	4500~5500CPS	57±1	2	38~48	≤15	乙二醇丁醚 丙二醇甲醚 BCS/PM

特性 Characteristics

密着性 Good Adhesion, 耐水性 Water Resistance, 耐醇性 Alcohol Resistance

用途 Application

玻璃烤漆, 陶瓷烤漆, 金属烤漆, 铝箔涂布
Glass & Ceramic Coating, Metal Coating, Aluminum Foil Coating

◆ 参考资料 References

水性玻璃烤漆配方

Formula for Waterborne Glass Baking Coating

A806 丙烯酸树脂 Acrylic Resin	50
胺中和剂 DMAE	3.5
5625 氨基树脂 Amino Resin	15
异丙醇 IPA	10
乙二醇丁醚 BCS	10
丙酮 PA	4
乙醇 ET	8
流平剂 Flatting Agent	0.2
偶联剂 Adhesion Promoter	3
去离子水 Deionized water	40



储存条件 Storage Conditions:

防潮, 防太阳直射, 防高温; 凉暗处的温度应在 35 度以下。

Moisture-proof, sun-proof, heat-proof; The temperature in a cool place should be below 35 degrees

保质期限 Expiration Date:

壹年

12 Months

包装规格 Packing Specification:

190KG/铁桶 (53 Gallons Metal Bucket)

1000KG/集装吨桶 (IBC Tank)

分类产品目录 Category

- | | |
|----------------|--|
| ◆ 热塑性丙烯酸树脂 | Thermoplastic Acrylic Resin |
| ◆ 热固性丙烯酸树脂 | Thermosetting Acrylic Resin |
| ◆ 环氧改性热固性丙烯酸树脂 | Epoxy Modified Thermosetting Acrylic Resin |
| ◆ 水性热固性丙烯酸树脂 | Waterborne Thermosetting Acrylic Resin |
| ◆ 水性热塑性丙烯酸树脂 | Waterborne Thermoplastic Acrylic Resin |
| ◆ 饱和聚酯树脂 | Saturated Polyester Resin |
| ◆ 水性饱和聚酯树脂 | Waterborne Saturated Polyester Resin |
| ◆ 氨基树脂 | Amino Resin |
| ◆ 助剂 | Additives |

阁下如需咨询分类产品目录中其他产品, 欢迎致电本公司 021-56508671 索取技术手册!