

# WChem™ GA-056

Pioneer Chemicals is introducing water dispersible acrylic resins for printing and packaging industries.

WChem™ GA-056-A glycol ether free and APEO free resin for use in water-based inks and overprint varnishes.

Pioneer Chemicals' strong commitment to research & development has been a key element in assuring a continuous flow of new polymer for VOC compliant coatings, inks and adhesives.

WChem™ GA-056 is a waterborne solid acrylic resin polymerized by our unique bulk polymerization process. It can be used as:

- A polymeric surfactant in emulsion polymerization for preparing dispersions that used to make OPV
- A pigment grinding resin
- For preparing dispersions used to make overprinting varnishes (graphic arts)

## Typical Properties:

Appearance	Clear solid resin
Non-volatile %	>99
Molecular weight (Mw, g/mol)	8,500
Inherent viscosity (IV, dL/g)	0.09-0.11
Acid value( mgKOH/g)	210-225
Density at 25°C (g/cm <sup>3</sup> )	1.10
Glass transition temperature (Tg, °C)	85-90



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# WChem™ GA-056



WChem™ GA-056是博立尔化工研发的一款适用于印刷和包装油墨行业的水分散、碱溶性型固体丙烯酸树脂。

WChem™ GA-056不含乙二醇醚及APEO，是水性油墨和罩光油用树脂的理想选择。

博立尔化工始终致力于为涂料、油墨和胶粘剂领域研发能有效降低VOC排放的新型聚合物。

WChem™ GA-056是一款经过特殊本体聚合工艺制做而成的水性固体丙烯酸树脂。主要用途如下：

- 高分子表面活性剂-光油应用的乳液聚合分散剂
- 颜料分散树脂-为颜料分散提供良好的润湿研磨性
- 光油-具有高光泽、快干、转印性好、良好相容性

## 产品特性:

外观	透明固体树脂
不挥发物含量%	>99
分子量 (Mw, g/mol)	8,500
特性粘度 (IV, dL/g)	0.09-0.11
酸值(mgKOH/g)	210-225
密度( 25°C, g/cm³)	1.10
玻璃化温度 (Tg, °C)	85-90



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