



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 ³)	1.10
Glass transition temperature (Tg, °C)	85-90



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