



WChem™ Acrylic Resins

A series of glycol ether free and APEO free resins for use in water-based inks, overprint varnishes and graphic arts.

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

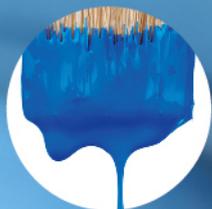
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Pioneer Chemicals' strong commitment to research & development has been a key element in assuring a continuous flow of new polymer for VOC compliant coatings, inks and adhesives.

WChem™ are water-borne solid acrylic resins 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)





WChem™	Appearance	Non-volatile Content %	Molecular weight (Mw, g/mol)	Inherent viscosity (IV, dL/g)	Acid Value (mgKOH/g)	Density at 25 °C (g/cm ³)	Glass transition temperature (T _g , °C)
GA-010	Powders	>99	7,000	0.09-0.11	210-230	1.10	105
GA-020	Powders	>99	12,000	0.11	210-225	1.10	120
GA-030	Powders	>99	3,000	0.03	250	1.10	72
GA-056	Powders	>99	8,500	0.09-0.11	210-225	1.10	85-90
GA-070	Powders	>99	7,000	0.08	210-225	1.10	115
GA-090	Powders	>99	8,500	0.085	210-225	1.10	117
GA-120	Powders	>99	10,500	0.10	210-225	1.10	117



Pioneer Chemicals Co., Ltd.
Address: Floor 5, Jinyuan Business Building,
1218 Yongsheng Road, Jiading, Shanghai, China 201821
Telephone: +86-21-5995-1484, 5995-4238
Sales Hotline: +86-21-5995-3629
Fax: +86-21-5995-1794
Email: 9long@9long.com.cn
Website: www.pioneerchems.com

Pioneer Solutions Europe BVBA
Address: De Roskam 13, 2970 Schilde, Belgium
Telephone: +32 4 68126019
Email: info@pseu.eu
Website: www.pseu.eu

Pioneer Solutions Americas Inc.
Address: 500 W. Bonita Ave, Suite #27, San Dimas,
CA 91773 USA
Telephone: +1-626-382-3118
Email: info@psaminc.com
Website: www.psaminc.com

Pioneer Solutions Asia Pacific Ltd.
Address: 9B, Amtel Building, 148 Des Voeux Road Central,
Hong Kong
Telephone: +852-6808-5396
Email: info@psapltd.com
Website: www.psapltd.com

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