



Polygel GA 808 X30

Type

Thixotropic modified acrylic resin

Supply form

30% solid in xylene

Suggested applications and properties

The flexibility of the resin has make GA808 suitable for stoving basecoat system. The thixotropic properties of the resin also provide good anti setting properties for pigmented system.

Polar solvent can enhance the gel strength of the resin in the final formulation.

As this resin yield a clear solution, GA808 is also recommended to use in clear coat system for achieving high build at vertical application.

Typical Characteristics

Solvent

Non-volatile content

Viscosity at 25°C

Maximum acid value (mgKOH/gm)

Maximum Gardner colour

GA808 X30

Xylene

30±2%

thixotropic gel

10

5

Compatibility

Polygel GA808 is compatible with most of the acrylic resin. It is also compatible with polyester and some melamine resin.

Solubility

Soluble in aromatic hydrocarbon, ketone, ester and glyco ether and ester solvent.

The information given is to the best of our knowledge true and accurate but any recommendations or suggestions made are without guarantee since the conditions of use are outside our control. (March 2009)

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Recommendations for use

When combined with other resin, GA 808 can be formulated at 3% to 10% in the total formulation. When formulating with GA808, choice of solvent will not restricted to polar or ester solvent and aromatic hydrocarbon can be a good choice for the for any coating formulation.

Method of using Polygel GA808

To obtain maximum structure, GA808 should be dispersed with minimum solvent to achieve a solution stage before incorporating other raw materials use in the formulation. Once the gel resin is well disperse into solution form, additional of remaining solvent should be continued to achieve a low viscosity mixture for easy incorporation of the other remaining raw material.

As soon as the polygel GA808 has been completely incorporated, the speed of stirring should be decreased to minimum and remainder of the formulation should be added. The polar solvent will be added at the final thinning stage.

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