

Evonik Corporation EP-DS 1300 Adhesion Resin

Category : Polymer , Thermoset , Polyester, TS

Material Notes:

A solvent free, aqueous emulsion of special polyester resin. It is used to promote the adhesion of coatings on critical substrates and the intercoat adhesion of multicoat systems. It works well on metallic, mineral and various other plastic substrates. The resin has been proven effective in improving gloss, flexibility, and corrosion protection. It is also highly stable against light, weathering and saponification. The resin is used in water soluble coating systems based on air-drying and heat curing binders.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-EP-DS-1300-Adhesion-Resin.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc @Temperature 20.0 °C	0.0397 lb/in ³ @Temperature 68.0 °F	DIN 51 757 / ISO 758
pH	6.0 - 8.0	6.0 - 8.0	DIN ISO 976
Viscosity	100 cP @Temperature 23.0 °C	100 cP @Temperature 73.4 °F	DIN EN ISO 3219

Thermal Properties	Metric	English	Comments
Softening Point	55.0 °C	131 °F	DIN 53 181
Glass Transition Temp, Tg	30.0 °C	86.0 °F	DIN 53 765

Chemical Properties	Metric	English	Comments
Total Acid Number	28	28	[mg KOH/g]; DIN EN ISO 2114

Descriptive Properties	Value	Comments
Hydroxyl Number (mg KOH/g)	60	DIN EN ISO 4629
Nonvolatile matter (%)	43-47	DIN EN ISO 3251

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