

Adhesion Resin EP* 3350 (preliminary)

43.13.243e / 06.04

General description

Special-purpose polyester resin of medium hardness for radiation-curing systems, suitable for improving adhesion to critical substrates.

Specification

Property	Value	Unit	Test method
Colour (Gardner)	<= 2	-	DIN ISO 4630
Viscosity at 23 °C	5000 - 13000	mPa s	DIN EN ISO 3219
Acid number ¹⁾	12 - 22	mg KOH/g	DIN EN ISO 2114

Typical data

Melting point	approx. 60	°C	DIN 53 181
Density at 23 °C	approx. 1.1	g/cm ³	DIN 51 757 / ISO 758
Hydroxyl number ¹⁾	approx. 16	mg KOH/g	DIN EN ISO 4629

¹⁾ sold resin

*EP = Experimental product

Chemical Classification

A special-purpose polyester resin.

Storage Stability and Packaging

Screw cap drum, net contents: 25kg

Iron drum, net contents: 200kg.

When protected against light and humidity and at storage temperatures of less than 25 °C, Adhesion Resin EP* 3350 has a storage stability of 6 months.

Supply Form

50 % solution in Tripropylene glycol diacrylate.

Applications

Due to its high degree of compatibility with urethane acrylates, polyester acrylates, epoxy acrylates and monomeric acrylates, Adhesion Resin EP* 3350 is excellently suited to utilization in radiation-curing systems for the purpose of improving adhesion, even to critical substrates such as polyolefins and metals.

Furthermore, the shrinkage that frequently occurs in such systems can be reduced by the addition of this Adhesion Resin.

Safety and Handling

Please refer to our Safety Data Sheet.

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