

Resipur 6560 is an orthophthalic unsaturated polyester resin, pre-accelerated and thixotropic.

Resipur 6560 is an opaque pink liquid, free of impurities.

DELIVERY FORM: Approx. 58 % of polymer diluted in styrene and acrylic monomers.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Viscosity @ 25 °C (Brookfield RVT #2/20 rpm)	375	mPas	ISO 2555
Gel Time @ 25 °C	13.5	min	ASTM D 2471
Polymer Content	58	%	ISO 3251
Thixotropy Index @ 25°C	>2.5		ISO 2555
Density @ 20°C	approx. 1.11		ISO 2811-1
Flash Point	approx. 29	°C	ISO 3679
Properties of Cured Resin			
Tensile Strength	33	MPa	ISO 527
Elongation at Break	1.4	%	ISO 527
Flexural Strength	105	MPa	ISO 178
Barcol Hardness	31		ASTM D 2583
Shrinkage on Curing	8.7	%	ISO 3521
Water Absorption @ 23 °C (7 days)	0.3	%	ISO 62

¹ internal method based upon the specified norm

Application Advice

APPLICATIONS

Acrylic sheet reinforcement. Good adhesion to acrylic.

PROCESSING

Resipur 6560 may be cured at room temperature by means of the addition of an initiator (e.g. methyl ethyl ketone peroxide - MEKP).

To obtain the ideal curing, it is recommended that the molded piece should not be used until 7 days after manufacture.

The stratification of consecutive layers with more than 24 hours of interval is not recommended.

The application viscosity may be adjusted through the addition of styrene. The specification data in this technical data sheet is for the unmodified product without addition of styrene.

Shipping and Storage

STORAGE

Resipur 6560 should be stored in the original and unopened containers and in the absence of light for no longer than 3 months at a temperature below 25°C. Higher temperatures may significantly decrease storage stability.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.