

® Resipur 6560

Technical Data Sheet

Characteristics

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

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

Delivery Form

Approx. 58 % of polymer diluted in styrene.

Recommended Application Areas

Acrylic sheet reinforcement.

Specification

These technical data are determined in every batch.

Viscosity at 25°C Brookfield RVT (s21; 20 rpm)	350 - 400	mPa.s
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MR 05 (ISO 2555)

Gel Time at 25°C 1.5% PMEK at 50%	10 - 17	min.
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MR 22 (ASTM D 2471)

Additional Data

These data are not part of the product specification, being used solely to describe the product.

Polymer Content	56 - 60	%
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MR 12 (ISO 3251)

Thixotropy Index at 25°C Brookfield RVT (s21; 2/20 rpm)	≥ 2.5	
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MR 05 (ISO 2555)

Density at 20°C	approx. 1.11	
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MR 11 (ISO 2811-1)

Flash Point	approx. 29	°C
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MR 13 (ISO 3679)

MR – Resiquímica's Test Method

Processing

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

In order to obtain an ideal performance, it is recommended that the end product should not be used until 7 days after the cure.

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

The application viscosity can be adjusted through the addition of styrene. In this case, the properties of the cured resin may be slightly different.

Properties of Cured Resin

In determination.

Preservation and 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 decrease significantly the storage stability.

Safety and Environmental Protection

Classified product within the meaning of the current Dangerous Preparations Regulations. Please consult the safety data sheet.