



Specialty Composites

Resimer® EPS

Unsaturated Polyester Resin

DESCRIPTION

Resimer® EPS is an accelerated and thixotropic unsaturated polyester resin. Product has been designed to coat expanded and extruded polystyrene (minimum density : 25kg/m³) foams by hand lay-up.

Resimer® EPS acts as a barrier between the polystyrene foam and either a laminate or a machinable tooling paste.

- **High compatibility with EPS (Low styren content)**
- Good mechanical properties
- Good wettability of glass fibers

PHYSICAL-CHEMICAL PROPERTIES

Reference	RESIMER EPS
Static viscosity (P)	27 - 33
Gel time (min) *	15 - 25
Peak time (min) *	25 - 35
Peak temperature (°C) *	110 - 160
Solid content (%)	53 - 58

*Gel time on 200g with 1% MEKP at 20°C

MECHANICAL PROPERTIES (pure resin)

Properties	Value	Norm
Tensile strength	60 - 70 MPa	ISO 527
Elongation	3,5 %	ISO 527
Flexural strength	100 - 110	ISO 178



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APPLICATION

Resimer® must be used at temperature between 15°C and 25°C (workshop, product, mould) with hygrometry < 80%.

Resimer® must be well mixed before use, with a proper mixer adapted to the packing size, and at moderate speed.

No dilution is requested.

Catalyze : between 1% and 3% MEKP50.

Please contact us for more information.

STORAGE

Product should be stored in its original packaging, away from direct sunshine and at temperature below 20°C and in a storage room preferably ventilated. Under these conditions, the product will keep its properties 3 months from production date.

Consult the material safety datasheet.

EUOMERE

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All information on this data sheet is based on laboratory testing and is not intended for design purposes. It is recommended that customers test all products before use under their own conditions of application to ensure that the product meets the expectations. Consequently, Euomere declines any responsibility for any default and direct or indirect damage, beyond the supply of material according to our specifications.