

Unsaturated Polyester Resin

Recapoli PE3680PA

DESCRIPTION

RECAPOLI PE3680PA is an unsaturated, orthophthalic polyester resin diluted in styrene and methacrylic monomer with medium reactivity and medium viscosity. It appears as a light yellow liquid.

Transformation mode: Contact or projection.

APPLICATIONS

RECAPOLI PE3680PA resin is particularly indicated for applications where adherence to expanded polystyrene or polyurethane foams is required.

STORAGE AND PACKAGE

The product is stable for 6 months in its original packaging, protected from light and at temperatures below 20 °C.

Store in a dry and ventilated place.

Keep away from organic and inorganic peroxides of copper iron salts.

SAFETY MEASURES

RECAPOLI PE3680PA is a resin that contains, before hardening, flammable volatile products, and the usual precautionary measures must be taken in these cases. For more information, consult the product safety data sheet.

TYPE OF SUPPLY

- RECAPOLI PE3680PA Resin x 1 Kg, supplied in plastic bottle
- RECAPOLI PE3680PA Resin x 5 Kg, supplied in plastic bottle
- RECAPOLI PE3680PA Resin x 25 Kg, supplied in plastic bottle

NOTE

This technical data sheet has been created based on our latest knowledge and according to the best information and knowledge currently available. As we are unable to check if our products are used as recommended, we cannot guarantee the results. In spite of this, we will be glad to give an advice.

*Technical parameters***General Properties**

	Value
Acid Number (max)	< 30 Mg NaOH/gr
Viscosity at 25°C	700-800 mPas
Solvent Content	42 %
Stability a 65°C	6 days

Reactivity

	Value
Method	XP001
Test temperature	25°C
Sistema catalítico	0,2% Co 6% 1,5% MEKP 50%
Resin quantity	100 gr
Gel Time	25 minutes

Properties of unreinforced polymerized resin

	Value
Specific weight	1,2 gr/cm3
Tensile strength (ISO 527)	65Mpa
Elongation at break (ISO 527)	2,5%
Flexural Strength (ISO 178)	110 Mpa
Bending Module (ISO 178)	3900 Mpa
Deformation temperature under load (ISO 75A)	60°C
Barcol hardness	40