

Product information

Composite



EXTER UP 100

FEATURES

- Styrene resistance
- Microporosity free
- High brilliance

COMPOSITION

- Unsaturated polyester resin



Pre-accelerated isophthalic polyester gelcoat designed for molds. Black color, high gloss, styrene resistant, applied by brush.

APPLICATIONS

- Molds construction.

TYPICAL PROPERTIES

Specifications writers: These values are not intended for use in preparing specifications. Please contact your local sales representative prior to writing specifications on this product.

Properties	Unit	Value
Appearance	Visual	Viscous black liquid
Specific weight	g/cm ³	1,10 ± 0,05
Viscosity (2 rpm)	mPa.s	40.000 ± 10.000
Viscosity (20 rpm)	mPa.s	6.500 ± 1.000
Solid residue	%	67 – 71
Mixing ratio (MEKP 50%)	%	1 - 2
Geltime at 25°C (1,5% MEKP at 50%)	Minutes	10 ± 2
Exothermic peak	°C	190 ± 10
Thixotropic index	Ratio	4/5
Hardness	Barcol	48 ± 2

SETTINGS

Mix the product mechanically and thoroughly before each withdrawal from the original container.

MIXING

Catalyze with MEKP (50%) in a quantity of 1.0-2.0%.

APPLICATION

Apply at a temperature between 18°C and 25°C. For spray application, use an airbrush with a 4-5mm diameter nozzle and 3-4 atmospheres air pressure. Apply in a thickness of 0.5-0.7mm. After about 120-180 minutes from application, when the gelcoat film has hardened to the touch, apply the first layer of resin and light reinforcement.

HANDLING PRECAUTIONS

The information for a correct and safe handling of the products are contained in

the safety data sheet. Consult the safety data sheets before use for complete information on the risks for health and environment and for suitable protective devices to be adopted. Share the safety data sheets with all the staff involved in the use of the products.

USABLE LIFE - STORAGE

The product is stable for 3 months if stored from 16°C to 22°C, away from light and heat sources. Avoid contact with ferrous or copper salts, organic and inorganic peroxides.

PACKAGING

Use stainless steel packaging or lacquered drums. Avoid galvanized iron containers. For other packaging please contact our sales department.

LIMITATIONS

This product is neither tested nor represented as suitable for food contact, skin contact or medical uses.

LIMITED WARRANTY

The information contained in this document is offered in good faith based on Chemix research and is believed to be accurate. However, as the conditions and methods of use of our products are beyond our control, this information should not be used as a substitute for the tests that customers must first perform to ensure that Chemix products are fully satisfactory for their specific applications. The warranty is only applicable to the values indicated in the Product Sales Specifications. The sole and exclusive compensation for products with values that are out of specification is limited to the replacement of the product or the refund of the purchase price.

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