

Product information

Composite



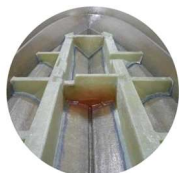
EXTER UP 201

FEATURES

- Thixotropic
- Pre-accelerated
- Low viscosity
- Good fibers wettability

COMPOSITION

- Unsaturated polyester resin
- Catalysis with MEKP 1-2% pbw



Unsaturated polyester resin, orthophthalic, medium saturation with styrene monometric component. Thixotropic, low viscosity, accelerated.

APPLICATIONS

- “General Purpose” laminating resin, technical items, marine.

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	Cloudy blue liquid
Acidity	mg KOH/g	<30
Styrene content	%	40
Gel time at 25°C (1,5% MEKP at 50%)	minutes	17
Thixotropic index		>3,0
Stability at 65°C	days	6
Characteristics of pure resin		
Hardness	Barcol	55
Tensile strength	MPa	70
Tensile modulus	MPa	3800
Elongation	%	3,0
Flexural strength	MPa	100
Flexural modulus	MPa	4200
HDT	°C	70
Characteristics of the reinforced resin (glass/resin = 30/70 by weight)		
Tensile strength	MPa	110
Tensile modulus	MPa	9700
Flexural strength	MPa	210
Flexural modulus	MPa	8900

SETTINGS

Mix the product thoroughly before each withdrawal from the container.

MIXING

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

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 at 20°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

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