

Product information

Casting



EXTER UP 205

FEATURES

- Transparent colorless
- UV-stable

COMPOSITION

- Unsaturated polyester resin
- Catalysis 1% di MEKP (at 50%)
+ 0,3% Cobalt (at 1%)



Unsaturated polyester resin, orthophthalic, with styrene monometric component, transparent and colorless, UV-stable.

APPLICATIONS

- Resin for applications requiring high transparency and UV resistance, embedding, casting.

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	Transparent liquid
Color	Gardner	1 max
Styrene content	%	28 - 32
Viscosity Brookfield	mPa.s	1300 - 1500
Gel-time	mins	4,5 - 5,5
Exothermic peak	°C	130 - 150
Characteristics of the polymer		
Tensile strength	MPa	50
Tensile modulus	MPa	3300
Elongation	%	3,0
Water absorption	%	< 0,1
HDT	°C	70

SETTINGS

Mix the product thoroughly before each withdrawal from the container.

MIXING

Catalysis 1% di MEKP (at 50%) + 0,3% Cobalt (at 1%)

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 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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