

# Product information

## Composite



## EXTER UP 204

### FEATURES

- Thixotropic
- Pre-accelerated
- Medium viscosity
- Chemical resistance

### COMPOSITION

- Vinylester resin
- Catalysis with MEKP 1-2%



Vinylester resin based on epoxy-bisphenol A, diluted in styrene, accelerated and thixotropic, medium reactivity and medium viscosity.

### APPLICATIONS

- "General Purpose" resin suitable for applications where high chemical resistance is required.

### 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 liquid
Acidity	mg KOH/g	<10
Styrene content	%	48
Gel time at 25°C (1,25% MEKP at 50%)	minutes	23
Thixotropic index		>2,5
Stability at 65°C	days	6
<b>Characteristics of pure resin</b>		
Hardness	Barcol	45
Tensile strength	MPa	85
Tensile modulus	MPa	3300
Elongation	%	3,0
Flexural strength	MPa	150
Flexural modulus	MPa	3800
HDT	°C	102
Tg	°C	115
<b>Characteristics of the reinforced resin (glass/resin = 30/70 by weight)</b>		
Tensile strength	MPa	130
Tensile modulus	MPa	8300
Flexural strength	MPa	230
Flexural modulus	MPa	8000

### 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

with values that are out of specification is limited to the replacement of the product or the refund of the purchase price.

Chemix disclaims any other explicit or implicit guarantee referring to the suitability of the Products in specific user's applications.

Chemix disclaims any liability for incidental or consequential damages resulting from the use of the Product.

**[www.chemix.it](http://www.chemix.it)**

Chemix Srl Via Berlinguer 8, 21010 Golasecca (Italy). Phone +39(0)331959373 [info@chemix.it](mailto:info@chemix.it)