

DISTITRON® 3501 CV2,5

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Version: 12, 02/01/2017

Product type

Unsaturated polyester resin in styrene, Orthophthalic

Appearance

Neutral - Transparent

Main resin characteristics

Clear, unaccelerated

Main applications

Statues

Moulding informations

Casting

Shelf life and storage

Store in the shade, out of direct sunlight. Keep storage temperature below 25°C. Unseal container just before use. Shelf-life will be reduced reaching higher temperature.

Precaution for handling

Read carefully the Safety Data Sheet

Note

FEATURES OF THE LIQUID RESIN

<i>Properties</i>	<i>Test Method</i>	<i>Unit</i>	<i>Typical values</i>
Specific weight at 20°C		g/cm ³	1,12
Brookfield viscosity at 25°C, sp 2 rpm 20	MT-CU025V	mPa.s	210 - 290
Solid content	MT-CU001C	%	59 - 63
Reactivity	at 25°C + 0,2% Co 6% + 1,5% MEKP50		
Gel time	RS.08.G	minutes	8 - 12
Delta	RS.08.G	minutes	11 - 16
Exothermic peak	RS.08.G	°C	140 - 170
Shelf life at 23°C in the dark	MT-CU002S	months	6

PROPERTIES OF THE CURED UNREINFORCED RESIN

Curing cycle	24h at 23°C + 2h at 100°C + 1h at 100°C		
Tensile strength	ISO 527 (2012)	MPa	65
Tensile modulus	ISO 527 (2012)	MPa	4100
Elongation at break	ISO 527 (2012)	%	2,0
Flexural strength	ISO 178/B (2010)	MPa	110
Flexural modulus	ISO 178/B (2010)	MPa	4000
HDT	ISO 75 -2A (2013)	°C	55
Barcol hardness at 25°C	ASTM D 2583 (2007)	units	45

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