

DISTITRON® 629 S

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Product type

Unsaturated polyester resin in styrene, special

Appearance

Violet - Transparent

Main resin characteristics

Acrylic modified, Preaccelerated, Light stabilized

Main applications

Furnitures and sanitary

Moulding informations

Casting,
To be used with Trihydrate of alumina

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	720 - 800
Solid content	MT-CU001C	%	66 - 70
Reactivity	at 25°C + 2% MEKP50		
Gel time	RS.08.G	minutes	6 - 10
Delta	RS.08.G	minutes	5 - 9
Exothermic peak	RS.08.G	°C	160 - 195
Shelf life at 23°C in the dark	MT-CU002S	months	3

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	60
Tensile modulus	ISO 527 (2012)	MPa	3300
Elongation at break	ISO 527 (2012)	%	3,2
Flexural strength	ISO 178/B (2010)	MPa	110
Flexural modulus	ISO 178/B (2010)	MPa	3900
HDT	ISO 75 -2A (2013)	°C	70
Barcol hardness at 25°C	ASTM D 2583 (2007)	units	44

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