

DISTITRON® 420 C

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Product type

Unsaturated polyester resin in styrene, Orthophthalic

Appearance

Neutral - Transparent

Main resin characteristics

Clear, unaccelerated

Main applications

To flexibilise rigid resins

Moulding informations

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	1,15
Brookfield viscosity at 25°C, sp 3 rpm 20	MT-CU025V	mPa.s	950 - 1250
Solid content	MT-CU001C	%	71 - 75
Reactivity	at 25°C + 0,5% Co 6% + 1,5% MEKP50		
Gel time	RS.08.G	minutes	6 - 10
Delta	RS.08.G	minutes	14 - 22
Exothermic peak	RS.08.G	°C	100 - 130
Acidity	MT-CU001I	mgKOH/g	16 - 23
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	6
Tensile modulus	ISO 527 (2012)	MPa	85
Elongation at break	ISO 527 (2012)	%	57,0

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