

DISTITRON® 161 T100Z

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Product type

Unsaturated polyester resin in styrene, Orthophthalic

Appearance

Neutral - Opalescent

Main resin characteristics

Thixotropic, With antifoaming additive

Main applications

Buttons

Moulding informations

Casting (rods)

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, Stir the resin before use, without use air bubbles

Note

FEATURES OF THE LIQUID RESIN

Properties	Test Method	Unit	Typical values
Specific weight at 20°C		g/cm ³	1,1
Brookfield viscosity at 25°C, sp 3 rpm 20	MT-CUT25V	mPa.s	2900 - 3600
Solid content	MT-CU001C	%	67 - 71
Reactivity	at 25°C + 0,4% Co 1% + 2% MEKP50		
Gel time	RS.08.G	minutes	19 - 24
Delta	RS.08.G	minutes	12 - 18
Exothermic peak	RS.08.G	°C	135 - 165
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	35
Tensile modulus	ISO 527 (2012)	MPa	2000
Elongation at break	ISO 527 (2012)	%	13,0
HDT	ISO 75 -2A (2013)	°C	42
Barcol hardness at 25°C	ASTM D 2583 (2007)	units	29

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