

DISTITRON® 822 S

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Product type

Unsaturated polyester resin in styrene, Tetrahydrophthalic

Appearance

Green - Dark - Transparent

Main resin characteristics

Medium flexibility and elasticity, Preaccelerated

Main applications

Putties

Moulding informations

Mix with fillers and/or additives

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	1,11
Brookfield viscosity at 25°C, sp 2 rpm 20	MT-CU025V	mPa.s	380 - 470
Solid content	MT-CU001C	%	61 - 65
Reactivity	at 25°C + 2% PBO50		
25°C - 35°C	RS.03.G	min:sec	7:00 - 8:30
25°C - Peak	RS.03.G	min:sec	9:30 - 12:30
Exothermic peak	RS.03.G	°C	100 - 120
Acidity	MT-CU001I	mgKOH/g	21 - 28
Shelf life at 23°C in the dark	MT-CU002S	months	6

PROPERTIES OF THE CURED UNREINFORCED RESIN

Curing cycle	4h at 23°C + 16h at 70°C		
Tensile strength	ISO 527 (2012)	MPa	18
Tensile modulus	ISO 527 (2012)	MPa	1000
Elongation at break	ISO 527 (2012)	%	30,0

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