

DISTITRON® VEef 220 STZ

First Emission: 17/01/2007

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Product type

Bisphenol-A Epoxy Resin based vinyl ester in styrene

Appearance

Violet - Opalescent

Main resin characteristics

Low styrene emission, Low styrene content, Certificate RINA, Preaccelerated, Thixotropic

Main applications

Marine, boats

Moulding informations

Hand lay up and Spray up

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

Stir the resin before use, without use air bubbles, As the resin includes a film-forming agent, we recommend that the laminate should first rubbed down before bonding or relaminating., 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	1,08
Brookfield viscosity at 25°C, sp 2 rpm 20	MT-CUT25V	mPa.s	600 - 850
Solid content	MT-CU001C	%	65 - 67
Reactivity	at 20°C + 2% CuHP		
Gel time	RS.08.G	minutes	36 - 50
Delta	RS.08.G	minutes	9 - 20
Exothermic peak	RS.08.G	°C	150 - 180
Acidity	MT-CU001I	mgKOH/g	5 - 12
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	3600
Elongation at break	ISO 527 (2012)	%	2,0
Flexural strength	ISO 178/B (2010)	MPa	115
Flexural modulus	ISO 178/B (2010)	MPa	3500
HDT	ISO 75 -2A (2013)	°C	106
Barcol hardness at 25°C	ASTM D 2583 (2007)	units	35

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