

DISTITRON® VEef 220 V4

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Product type

Bisphenol-A Epoxy Resin based vinyl ester in styrene

Appearance

Yellow - Dark - Transparent

Main resin characteristics

Low styrene content, Certificate RINA, Clear, unaccelerated

Main applications

Reinforced plastics, general purpose

Moulding informations

Injection moulding, RTM,
Press and vacuum moulding

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	1,07
Brookfield viscosity at 25°C, sp 2 rpm 20	MT-CU025V	mPa.s	270 - 380
Solid content	MT-CU001C	%	63 - 67
Reactivity	at 25°C + 0,3% Co 6% + 1,5% CuHP		
Gel time	RS.08.G	minutes	9 - 15
Delta	RS.08.G	minutes	5 - 10
Exothermic peak	RS.08.G	°C	170 - 200
Shelf life at 23°C in the dark	MT-CU002S	months	4

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	90
Tensile modulus	ISO 527 (2012)	MPa	3600
Elongation at break	ISO 527 (2012)	%	4,7
Flexural strength	ISO 178/B (2010)	MPa	150
Flexural modulus	ISO 178/B (2010)	MPa	3500
HDT	ISO 75 -2A (2013)	°C	110
Glass transition	ASTM E 1545 (2011)	°C	118
Barcol hardness at 25°C	ASTM D 2583 (2007)	units	41

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