

## DISTITRON® VE 102 V9

First Emission: 06/11/2008

Version: 04, 19/01/2017

### Product type

Bisphenol-A Epoxy Resin based vinyl ester in styrene

### Appearance

Yellow - Transparent

### Main resin characteristics

Certificate RINA, High thermal resistance, Clear, unaccelerated

### Main applications

Production of Gelcoat,  
Profiles

### Moulding informations

Mix with fillers and/or additives,  
Pultrusion

### 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>
<b>Specific weight at 20°C</b>		g/cm <sup>3</sup>	<b>1,07</b>
<b>Brookfield viscosity at 25°C, sp 2 rpm 20</b>	MT-CU025V	mPa.s	<b>820 - 980</b>
<b>Solid content</b>	MT-CU001C	%	<b>57 - 61</b>
<b>Reactivity</b>	at 25°C + 1% Co 1% + 2% MEKP50		
<b>Gel time</b>	RS.08.G	minutes	<b>21 - 30</b>
<b>Delta</b>	RS.08.G	minutes	<b>10 - 16</b>
<b>Exothermic peak</b>	RS.08.G	°C	<b>160 - 190</b>
<b>Acidity</b>	MT-CU001I	mgKOH/g	<b>17 - 24</b>
<b>Shelf life at 23°C in the dark</b>	MT-CU002S	months	<b>6</b>

## PROPERTIES OF THE CURED UNREINFORCED RESIN

<b>Curing cycle</b>	24h at 23°C + 2h at 100°C + 1h at 100°C		
<b>Tensile strength</b>	ISO 527 (2012)	MPa	<b>85</b>
<b>Tensile modulus</b>	ISO 527 (2012)	MPa	<b>3200</b>
<b>Elongation at break</b>	ISO 527 (2012)	%	<b>6,5</b>
<b>Flexural strength</b>	ISO 178/B (2010)	MPa	<b>145</b>
<b>Flexural modulus</b>	ISO 178/B (2010)	MPa	<b>3100</b>
<b>HDT</b>	ISO 75 -2A (2013)	°C	<b>105</b>
<b>Glass transition</b>	ASTM E 1545 (2011)	°C	<b>108</b>
<b>Barcol hardness at 25°C</b>	ASTM D 2583 (2007)	units	<b>40</b>

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