

## DISTITRON® 1629 V2

First Emission: 05/01/1996

Version: 15, 02/01/2017

### Product type

Unsaturated polyester resin in styrene, Isophthalic

### Appearance

Yellow - Light - Transparent

### Main resin characteristics

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>
<b>Specific weight at 20°C</b>		g/cm <sup>3</sup>	<b>1,09</b>
<b>Brookfield viscosity at 25°C, sp 2 rpm 20</b>	MT-CU025V	mPa.s	<b>230 - 320</b>
<b>Solid content</b>	MT-CU001C	%	<b>58 - 62</b>
<b>Reactivity</b>	at 25°C + 0,3% Co 6% + 1,5% AAP		
<b>Gel time</b>	RS.08.G	minutes	<b>28 - 32</b>
<b>Delta</b>	RS.08.G	minutes	<b>3 - 9</b>
<b>Exothermic peak</b>	RS.08.G	°C	<b>195 - 225</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>75</b>
<b>Tensile modulus</b>	ISO 527 (2012)	MPa	<b>3800</b>
<b>Elongation at break</b>	ISO 527 (2012)	%	<b>2,3</b>
<b>Flexural strength</b>	ISO 178/B (2010)	MPa	<b>135</b>
<b>Flexural modulus</b>	ISO 178/B (2010)	MPa	<b>3800</b>
<b>HDT</b>	ISO 75 -2A (2013)	°C	<b>105</b>
<b>Glass transition</b>	ASTM E 1545 (2011)	°C	<b>113</b>
<b>Barcol hardness at 25°C</b>	ASTM D 2583 (2007)	units	<b>45</b>

The information contained in this document (which is to be intended only for explanatory purposes) is correct and accurate and is based on our technical and scientific knowledge and on literature at the date of publication. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing in the information contained in this document shall be deemed to be a warranty or a representation (explicit or implicit) by the manufacturer, and/or taken or construed as infringing of any existing patents. The manufacturer shall not be under any liability or responsibility for any of the information provided under this document or for any errors, omissions or misstatements, even with regard to results to be obtained through the use of the aforesaid information.