

## TriRoof Resin

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### Product type

Unsaturated polyester resin in styrene, Orthophthalic

### Appearance

Amber

### Main resin characteristics

Low reactivity, Preaccelerated, Thixotropic, With catalyst indicator

### Main applications

General purpose

### 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

Read carefully the Safety Data Sheet, Stir the resin before use, without use air bubbles

### Notes

## 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	<b>1,10</b>
<b>Brookfield viscosity at 23 C, sp 2 rpm 50</b>	MT-CUT23V	mPa.s	<b>450 - 550</b>
<b>Solid content</b>	MT-CU001C	%	<b>58 - 62</b>
<b>Reactivity</b>	at 23 C + 1,5% MEKP50		
<b>Gel time</b>	MT-CU151R	minutes	<b>20 - 25</b>
<b>23 C - Peak</b>	MT-CU151R	minutes	<b>32 - 42</b>
<b>Exothermic peak</b>	MT-CU151R	C	<b>100 - 120</b>
<b>Shelf life at 23 C in the dark</b>	MT-CU002S	months	<b>6</b>
<b>Curing cycle</b>	16 h at 80 C + 2 h at 120 C		
<b>Tensile strength</b>	ISO 527 (2012)	MPa	<b>60</b>
<b>Tensile modulus</b>	ISO 527 (2012)	MPa	<b>4050</b>
<b>Elongation at break</b>	ISO 527 (2012)	%	<b>1,8</b>
<b>Flexural strength</b>	ISO 178 (2011)	MPa	<b>70</b>
<b>Flexural modulus</b>	ISO 178 (2011)	MPa	<b>3250</b>
<b>HDT</b>	ISO 75 -2A (2013)	C	<b>72</b>

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