

## NORSODYNE® T 16372

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### Product type

Unsaturated polyester resin in styrene, Orthophthalic

### Appearance

NA - Light - Transparent

### Main resin characteristics

Good flexibility and elasticity

### Main applications

Building panels,  
Isothermal sandwich panels

### Moulding informations

Continuos laminating

### 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. Use before reported shelf-life

### Precaution for handling

Read carefully the Safety Data Sheet

### Note

## FEATURES OF THE LIQUID RESIN

### Properties

Properties	Test Method	Unit	Typical values
<b>Specific weight at 20°C</b>		g/cm <sup>3</sup>	<b>1,12</b>
<b>Brookfield viscosity at 23°C, sp 2 rpm 50</b>	MT-CU023V	mPa.s	<b>650 - 700</b>
<b>Solid content</b>	MT-CU001C	%	<b>66 - 70</b>
<b>Reactivity</b>	at 23°C + 1,2% Co 1% + 1,5% MEKP50		
<b>Gel time</b>	MT-CU152R	minutes	<b>22 - 28</b>
<b>23°C - Peak</b>	MT-CU152R	minutes	<b>30 - 40</b>
<b>Exothermic peak</b>	MT-CU152R	°C	<b>150 - 170</b>
<b>Shelf life at 23°C in the dark</b>	MT-CU002S	months	<b>9</b>

## PROPERTIES OF THE CURED UNREINFORCED RESIN

<b>Curing cycle</b>	16 h at 80°C + 2 h at 120°C		
<b>Tensile strength</b>	ISO 527 (2012)	MPa	<b>70</b>
<b>Tensile modulus</b>	ISO 527 (2012)	MPa	<b>3500</b>
<b>Elongation at break</b>	ISO 527 (2012)	%	<b>4,1</b>
<b>Flexural strength</b>	ISO 178 (2011)	MPa	<b>140</b>
<b>Flexural modulus</b>	ISO 178 (2011)	MPa	<b>3815</b>
<b>HDT</b>	ISO 75 -2A (2013)	°C	<b>77</b>

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