

## NORSODYNE® Y 93172

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### Product type

Unsaturated polyester resin in styrene, Tetrahydrophthalic

### Appearance

Amber - Light - Transparent

### Main resin characteristics

Very long shelf life, Preaccelerated

### Main applications

Mastics,  
Putties

### Moulding informations

### 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>1,11</b>
<b>Brookfield viscosity at 23°C, sp 2 rpm 50</b>	MT-CU023V	mPa.s	<b>450 - 550</b>
<b>Solid content</b>	MT-CU001C	%	<b>64 - 68</b>
<b>Reactivity</b>	at 23°C + 2% PBO50		
<b>Gel time</b>	MT-CU162R	minutes	<b>7 - 9</b>
<b>23°C - Peak</b>	MT-CU162R	seconds	<b>12 - 18</b>
<b>Exothermic peak</b>	MT-CU162R	°C	<b>130 - 150</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 40°C (+ 2 h at 120°C for HDT)		
<b>Tensile strength</b>	ISO 527 (2012)	MPa	<b>22,6</b>
<b>Tensile modulus</b>	ISO 527 (2012)	MPa	<b>1235</b>
<b>Elongation at break</b>	ISO 527 (2012)	%	<b>34,46</b>
<b>Flexural strength</b>	ISO 178 (2011)	MPa	<b>83</b>
<b>Flexural modulus</b>	ISO 178 (2011)	MPa	<b>2615</b>
<b>HDT</b>	ISO 75 -2A (2013)	°C	<b>53</b>

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