

## ENYDYNE® C 66141 L

First Emission: 18/10/2016

Version: 00, 25/08/2017

### Product type

Unsaturated polyester resin in styrene, DCPD

### Appearance

Amber

### Main resin characteristics

Low viscosity, High reactivity, Light stabilized

### Main applications

Polymeric concrete

### Moulding informations

Casting

### 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>210 - 250</b>
<b>Solid content</b>	MT-CU001C	%	<b>59 - 63</b>
<b>Reactivity</b>	at 23°C + 1,2% Co 1% + 1,5% MEKP50		
<b>Gel time</b>	MT-CU152R	minutes	<b>3 - 5</b>
<b>23°C - Peak</b>	MT-CU152R	min:sec	<b>5:30 - 9:30</b>
<b>Exothermic peak</b>	MT-CU152R	°C	<b>170 - 190</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 90°C (+ 2 h at 120°C for HDT)		
<b>Tensile strength</b>	ISO 527 (2012)	MPa	<b>55</b>
<b>Tensile modulus</b>	ISO 527 (2012)	MPa	<b>3867</b>
<b>Elongation at break</b>	ISO 527 (2012)	%	<b>1,71</b>
<b>Flexural strength</b>	ISO 178 (2011)	MPa	<b>115</b>
<b>Flexural modulus</b>	ISO 178 (2011)	MPa	<b>3800</b>
<b>HDT</b>	ISO 75 -2A (2013)	°C	<b>74</b>

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