

ENYDYNE® C 66100 A

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Product type

Unsaturated polyester resin in styrene, DCPD

Appearance

Red - Light - Transparent

Main resin characteristics

Preaccelerated

Main applications

Furnitures and sanitary

Moulding informations

Casting,
Continuous 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.

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>
Specific weight at 20°C		g/cm ³	1,09
Brookfield viscosity at 23°C, sp 2 rpm 50	MT-CU023V	mPa.s	180 - 250
Solid content	MT-CU001C	%	64 - 68
Reactivity	at 23°C + 1,5% MEKP50		
Gel time	MT-CU151R	minutes	4 - 5
23°C - Peak	MT-CU151R	minutes	8 - 10
Exothermic peak	MT-CU151R	°C	140 - 155
Shelf life at 23°C in the dark	MT-CU002S	months	6

PROPERTIES OF THE CURED UNREINFORCED RESIN

Curing cycle	16 h at 40°C + 2 h at 90°C (+ 2 h at 120°C for HDT)		
Tensile strength	ISO 527 (2012)	MPa	45
Tensile modulus	ISO 527 (2012)	MPa	3550
Elongation at break	ISO 527 (2012)	%	1,55
Flexural strength	ISO 178 (2011)	MPa	90
Flexural modulus	ISO 178 (2011)	MPa	3500
HDT	ISO 75 -2A (2013)	°C	65

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