

ENYDYNE® H 88222 TA

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Product type

Unsaturated polyester resin in styrene, DCPD

Appearance

Amber

Main resin characteristics

Preaccelerated, Thixotropic

Main applications

Parts with high resistance to fire

Moulding informations

Hand lay up and Spray up,
Injection moulding, RTM

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

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	1,11
Brookfield viscosity at 23°C, sp 2 rpm 50	MT-CUT23V	mPa.s	440 - 600
Solid content	MT-CU001C	%	56 - 60
Reactivity	at 23°C + 1,5% MEKP50		
Gel time	MT-CU151R	minutes	20 - 25
23°C - Peak	MT-CU151R	minutes	28 - 33
Exothermic peak	MT-CU151R	°C	135 - 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	-
Tensile modulus	ISO 527 (2012)	MPa	3200
Elongation at break	ISO 527 (2012)	%	2
Flexural strength	ISO 178 (2011)	MPa	65
Flexural modulus	ISO 178 (2011)	MPa	2700
HDT	ISO 75 -2A (2013)	°C	55

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