

ENYDYNE® H 66126 TAE

First Emission: 18/10/2016

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Product type

Unsaturated polyester resin in styrene, DCPD

Appearance

NA

Main resin characteristics

Low styrene emission, Preaccelerated, Medium reactivity, Thixotropic

Main applications

Pipes and tanks

Moulding informations

Hand lay up and Spray up

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

Stir the resin before use, without use air bubbles, As the resin includes a film-forming agent, we recommend that the laminate should first rubbed down before bonding or relaminating., 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	1,10
Brookfield viscosity at 23°C, sp 2 rpm 50	MT-CUT23V	mPa.s	350 - 750
Solid content	MT-CU001C	%	57 - 61
Reactivity	at 23°C + 1,5% MEKP50		
Gel time	MT-CU151R	minutes	10 - 12
23°C - Peak	MT-CU151R	minutes	15 - 20
Exothermic peak	MT-CU151R	°C	120 - 140
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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