

NORSODYNE® H 23101 TAE

First Emission: 10/10/2016

Version: 01, 24/11/2016

Product type

Unsaturated polyester resin in styrene, Orthophthalic

Appearance

Amber

Main resin characteristics

Low reactivity, Low styrene emission, Preaccelerated, Thixotropic

Main applications

General purpose

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	450 - 550
Solid content	MT-CU001C	%	58 - 62
Reactivity	at 23°C + 1,5% MEKP50		
Gel time	MT-CU151R	minutes	20 - 25
23°C - Peak	MT-CU151R	minutes	32 - 42
Exothermic peak	MT-CU151R	°C	100 - 120
Shelf life at 23°C in the dark	MT-CU002S	months	6

PROPERTIES OF THE CURED UNREINFORCED RESIN

Curing cycle	16 h at 80°C + 2 h at 120°C		
Tensile strength	ISO 527 (2012)	MPa	60
Tensile modulus	ISO 527 (2012)	MPa	4050
Elongation at break	ISO 527 (2012)	%	1,8
Flexural strength	ISO 178 (2011)	MPa	70
Flexural modulus	ISO 178 (2011)	MPa	3250
HDT	ISO 75 -2A (2013)	°C	72

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