

NORSODYNE® H 23101 TA

First Emission: 10/10/2016

Version: 01, 04/01/2017

Product type

Unsaturated polyester resin in styrene, Orthophthalic

Appearance

Amber

Main resin characteristics

Low reactivity, Preaccelerated, Thixotropic, With catalyst indicator

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

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	1,10
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

Polynt S.p.A. - Company with sole shareholder
 Headquarters: Via Enrico Fermi, 51 - IT - 24020 Scanzorosciate (BG)
 Phone +39 035 65211 - Fax +39 035 652421
 R.E.A. Bergamo: 383079 - Share capital fully paid €23,599,698.00

Company subject to the direction and coordination of Specialty Chemicals International Ltd. The information contained in this document (which is to be intended only for explanatory purposes) is correct and accurate and is based on our technical and scientific knowledge and on literature at the date of publication. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing in the information contained in this document shall be deemed to be a warranty or a representation (explicit or implicit) by the manufacturer, and/or taken or construed as infringing of any existing patents. The manufacturer shall not be under any liability or responsibility for any of the information provided under this document or for any errors, omissions or misstatements, even with regard to results to be obtained through the use of the aforesaid information.