

NORSODYNE® H 88204 TAF

First Emission: 10/10/2016

Version: 01, 04/01/2017

Product type

Unsaturated polyester resin in styrene, Orthophthalic

Appearance

White - Opalescent

Main resin characteristics

Medium reactivity
Preaccelerated
Thixotropic
Filled

Main applications

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

Postcuring recommended
Read carefully the Safety Data Sheet
Stir the resin before use, without introducing air

FEATURES OF THE LIQUID RESIN ⁽¹⁾

Properties	Test Method	Unit	Typical values
Specific weight at 20°C		g/cm ³	1,45 - 1,50
Brookfield viscosity at 23°C, sp 2 rpm 50	MT-CUT23V	mPa.s	370 - 750
Solid content	MT-CU001C	%	68 - 72
Reactivity	at 23°C + 1,5% MEKP50		
Gel time ⁽²⁾	MT-CU151R	minutes	16 - 20
23°C - Peak	MT-CU151R	minutes	25 - 35
Exothermic peak	MT-CU151R	°C	110 - 130
Shelf life at 23°C in the dark	MT-CU002S	months	4

1) Thoroughly test in your applications before full-scale use. Geltimes may vary due to the reactive nature of these materials and due to different brands of curing additives. Always test on small scale before formulating large quantities.

2) If present, Cobalt is herewith intended as octoate. Use of different Cobalt salts could result in different geltimes. Always test on small scale before formulating large quantities.

PROPERTIES OF THE CURED UNREINFORCED RESIN ⁽³⁾

Curing cycle	16 h at 80°C + 2 h at 140°C		
Tensile strength	ISO 527 (2012)	MPa	40
Tensile modulus	ISO 527 (2012)	MPa	3900
Elongation at break	ISO 527 (2012)	%	1,15
Flexural strength	ISO 178 (2011)	MPa	100
Flexural modulus	ISO 178 (2011)	MPa	3900
HDT	ISO 75-2A (2013)	°C	110

3) Properties are typical values, based on material tested in our laboratories, but varies from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

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