

## NORSODYNE® H 44281 TA

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### Product type

Unsaturated polyester resin in styrene, Isophthalic

### Appearance

Bluish

### Main resin characteristics

Preaccelerated, Medium reactivity, Thixotropic

### Main applications

Marine, boats

### 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, Read carefully the Safety Data Sheet

### Note

## FEATURES OF THE LIQUID RESIN

Properties	Test Method	Unit	Typical values
Specific weight at 20°C		g/cm <sup>3</sup>	1,10
Brookfield viscosity at 23°C, sp 3 rpm 50	MT-CUT23V	mPa.s	550 - 650
Solid content	MT-CU001C	%	53 - 57
Reactivity	at 23°C + 1,5% MEKP50		
Gel time	MT-CU151R	minutes	17 - 23
23°C - Peak	MT-CU151R	minutes	35 - 45
Exothermic peak	MT-CU151R	°C	140 - 170
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	70
Tensile modulus	ISO 527 (2012)	MPa	3530
Elongation at break	ISO 527 (2012)	%	2,6
Flexural strength	ISO 178 (2011)	MPa	140
Flexural modulus	ISO 178 (2011)	MPa	3460
HDT	ISO 75 -2A (2013)	°C	95

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