

NORSODYNE® H 15238 TAE

First Emission: 10/10/2016

Version: 02, 20/03/2017

Product type

Unsaturated polyester resin in styrene, Orthophthalic

Appearance

Bluish

Main resin characteristics

With catalyst indicator, Low styrene emission, Low exothermic peak, Preaccelerated, Medium reactivity, 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 | 1,09 |
| Brookfield viscosity at 23°C, sp 2 rpm 50 | MT-CUT23V | mPa.s | 400 - 500 |
| Solid content | MT-CU001C | % | 55.5 - 59.5 |
| Reactivity | at 23°C + 1,5% MEKP50 | | |
| Gel time | MT-CU151R | min:sec | 14:30 - 17:30 |
| 23°C - Peak | MT-CU151R | minutes | 23 - 29 |
| Exothermic peak | MT-CU151R | °C | 130 - 150 |
| 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 | 68 |
| Tensile modulus | ISO 527 (2012) | MPa | 4161 |
| Elongation at break | ISO 527 (2012) | % | 1,97 |
| Flexural strength | ISO 178 (2011) | MPa | 119 |
| Flexural modulus | ISO 178 (2011) | MPa | 4300 |
| HDT | ISO 75 -2A (2013) | °C | 80 |

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