

# NORSODYNE® R 56372 TAE

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## Product type

Unsaturated polyester resin in styrene, Isophthalic-Neopentyllic

## Appearance

Pink

## Main resin characteristics

Low styrene emission, Preaccelerated, Thixotropic, Very good chemical resistance

## Main applications

Relining, CIPP, Pipes and tanks

## Moulding informations

Continuous laminating

## 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

Properties	Test Method	Unit	Typical values
Specific weight at 20°C		g/cm <sup>3</sup>	1,12
Brookfield viscosity at 25°C, sp 3 rpm 50	MT-CUT25V	mPa.s	800 - 1000
Solid content	MT-CU001C	%	58 - 62
Reactivity	at 60°C + peroxydes		
Gel time	MT-CU149R	minutes	20 - 30
Curing time	MT-CU149R	minutes	23 - 35
Exothermic peak	MT-CU149R	°C	180 - 220
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	3500
Elongation at break	ISO 527 (2012)	%	3,6
Flexural strength	ISO 178 (2011)	MPa	130
Flexural modulus	ISO 178 (2011)	MPa	3500
HDT	ISO 75 -2A (2013)	°C	100
Glass transition			

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