

NORSODYNE® M 46073

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Product type

Unsaturated polyester resin in styrene, Isophthalic

Appearance

NA - Light - Transparent

Main resin characteristics

High reactivity

Main applications

General purpose

Moulding informations

Injection moulding, RTM

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

Note

FEATURES OF THE LIQUID RESIN

Properties	Test Method	Unit	Typical values
Specific weight at 20°C		g/cm ³	1,14
Brookfield viscosity at 23°C, sp 2 rpm 10	MT-CU023V	mPa.s	2600 - 3000
Solid content	MT-CU001C	%	67 - 71
Reactivity	at 130°C + 1% TBPB		
Gel time	MT-CU003R	min:sec	0:50 - 0:70
	MT-CU003R	min:sec	1:30 - 2:00
Exothermic peak	MT-CU003R	°C	255 - 275
Shelf life at 23°C in the dark	MT-CU002S	months	9

PROPERTIES OF THE CURED UNREINFORCED RESIN

Curing cycle	16 h at 80°C + 2 h at 120°C		
Tensile strength	ISO 527 (2012)	MPa	50
Tensile modulus	ISO 527 (2012)	MPa	3660
Elongation at break	ISO 527 (2012)	%	1,55
Flexural strength	ISO 178 (2011)	MPa	125
Flexural modulus	ISO 178 (2011)	MPa	4000
HDT	ISO 75 -2A (2013)	°C	105

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