

NORSODYNE® Y 17185

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Product type

Unsaturated polyester resin in styrene, Orthophthalic

Appearance

Yellow - Light - Transparent

Main resin characteristics

Very long shelf life, High reactivity, Preaccelerated

Main applications

Mastics,
Putties

Moulding informations

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

<i>Properties</i>	<i>Test Method</i>	<i>Unit</i>	<i>Typical values</i>
Specific weight at 20°C		g/cm ³	1,11
Brookfield viscosity at 23°C, sp 2 rpm 50	MT-CU023V	mPa.s	170 - 230
Solid content	MT-CU001C	%	56 - 60
Reactivity	at 23°C + 2% PBO50		
Gel time	MT-CU162R	min:sec	1:30 - 2:30
23°C - Peak	MT-CU162R	min:sec	4:30 - 7:30
Exothermic peak	MT-CU162R	°C	100 - 120
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	65
Tensile modulus	ISO 527 (2012)	MPa	3800
Elongation at break	ISO 527 (2012)	%	2,4
Flexural strength	ISO 178 (2011)	MPa	140
Flexural modulus	ISO 178 (2011)	MPa	4100
HDT	ISO 75 -2A (2013)	°C	90

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