

NORSODYNE® I 13287 AP

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Product type

Unsaturated polyester resin in styrene, Orthophthalic

Appearance

White - Light - Transparent

Main resin characteristics

Pigmented, Low viscosity, Preaccelerated, Medium reactivity, Low exothermic peak, With demoulding agent

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, To use only Acetyl Acetone Peroxyde

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	1,10
Brookfield viscosity at 23°C, sp 1 rpm 50	MT-CU023V	mPa.s	130 - 150
Solid content	MT-CU001C	%	56 - 60
Reactivity	at 23°C + 2% AAP		
Gel time	MT-CU157R	minutes	12 - 16
23°C - Peak	MT-CU157R	minutes	16 - 24
Exothermic peak	MT-CU157R	°C	120 - 140
Shelf life at 23°C in the dark	MT-CU002S	months	4

PROPERTIES OF THE CURED UNREINFORCED RESIN

Curing cycle	16 h at 40°C (+ 2 h at 120°C for HDT)		
Tensile strength	ISO 527 (2012)	MPa	57
Tensile modulus	ISO 527 (2012)	MPa	3715
Elongation at break	ISO 527 (2012)	%	2,3
Flexural strength	ISO 178 (2011)	MPa	98
Flexural modulus	ISO 178 (2011)	MPa	3630
HDT	ISO 75 -2A (2013)	°C	64

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