

NORSODYNE® S 15080 L

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Product type

Unsaturated polyester resin in styrene, Orthophthalic

Appearance

NA - Light - Transparent

Main resin characteristics

Light stabilized, Good transparence

Main applications

Transparent and corrugated sheets

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

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	1,10
Brookfield viscosity at 23°C, sp 2 rpm 50	MT-CU023V	mPa.s	210 -270
Solid content	MT-CU001C	%	58 - 62
Reactivity	at 82°C + Co + peroxydes		
Gel time	MT-CU015R	min:sec	0:50 - 1:20
	MT-CU015R	min:sec	5:30 - 6:30
Exothermic peak	MT-CU015R	°C	210 - 230
Shelf life at 23°C in the dark	MT-CU002S	months	9

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	50
Tensile modulus	ISO 527 (2012)	MPa	4000
Elongation at break	ISO 527 (2012)	%	1,4
Flexural strength	ISO 178 (2011)	MPa	110
Flexural modulus	ISO 178 (2011)	MPa	4300
HDT	ISO 75 -2A (2013)	°C	76
Glass transition			

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