

## DISTITRON® 119 SXZ

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### Product type

Unsaturated polyester resin in styrene, DCPD

### Appearance

Bluish - Dark - Opalescent

### Main resin characteristics

Low styrene emission, Low styrene content, Low exothermic peak,  
With catalyst indicator, Preaccelerated, Thixotropic

### Main applications

Marine, boats

### Moulding informations

Hand lay up and Spray up

### 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 2 rpm 20	MT-CUT25V	mPa.s	450 - 630
Solid content	MT-CU001C	%	60 - 64
Reactivity	at 20°C + 2% MEKP50		
Gel time	RS.08.G	minutes	28 - 37
Delta	RS.08.G	minutes	16 - 23
Exothermic peak	RS.08.G	°C	150 - 180
Shelf life at 23°C in the dark	MT-CU002S	months	3

## PROPERTIES OF THE CURED UNREINFORCED RESIN

Curing cycle	24h at 23°C + 2h at 100°C + 1h at 100°C		
Tensile strength	ISO 527 (2012)	MPa	45
Tensile modulus	ISO 527 (2012)	MPa	3200
Elongation at break	ISO 527 (2012)	%	1,6
Flexural strength	ISO 178/B (2010)	MPa	80
Flexural modulus	ISO 178/B (2010)	MPa	3200
HDT	ISO 75 -2A (2013)	°C	95
Barcol hardness at 25°C	ASTM D 2583 (2007)	units	37

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