

## DISTITRON® 1402 AST

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### Product type

Unsaturated polyester resin in styrene, Orthophthalic

### Appearance

Pink - Opalescent

### Main resin characteristics

Paraffinated, Preaccelerated, Light stabilized, Thixotropic

### Main applications

Pipes and tanks

### 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>	1,11
Brookfield viscosity at 25°C, sp 2 rpm 20	MT-CUT25V	mPa.s	470 - 650
Solid content	MT-CU001C	%	58 - 62
Reactivity	at 20°C + 1,5% MEKP50		
Gel time	RS.08.G	minutes	15 - 20
Delta	RS.08.G	minutes	8 - 14
Exothermic peak	RS.08.G	°C	170 - 200
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	50
Tensile modulus	ISO 527 (2012)	MPa	4000
Elongation at break	ISO 527 (2012)	%	1,4
Flexural strength	ISO 178/B (2010)	MPa	105
Flexural modulus	ISO 178/B (2010)	MPa	3800
HDT	ISO 75 -2A (2013)	°C	75
Glass transition	ASTM E 1545 (2011)	°C	90
Barcol hardness at 25°C	ASTM D 2583 (2007)	units	45

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