

## DISTITRON® 427 AN2

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### Product type

Unsaturated polyester resin in styrene, Orthophthalic

### Appearance

Violet - Light - Veiled

### Main resin characteristics

Preaccelerated, Light stabilized

### Main applications

Furnitures and sanitary

### Moulding informations

Casting,  
Mix with fillers and/or additives

### 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

Properties	Test Method	Unit	Typical values
Specific weight at 20°C		g/cm <sup>3</sup>	1,13
Brookfield viscosity at 25°C, sp 2 rpm 20	MT-CU025V	mPa.s	380 - 470
Solid content	MT-CU001C	%	62 - 66
Reactivity	at 20°C + 1,6% MEKP50		
Gel time	RS.08.G	minutes	16 - 19
Delta	RS.08.G	minutes	11 - 16
Exothermic peak	RS.08.G	°C	145 - 175
Acidity	MT-CU001I	mgKOH/g	17 - 23
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	70
Tensile modulus	ISO 527 (2012)	MPa	3600
Elongation at break	ISO 527 (2012)	%	3,6
Flexural strength	ISO 178/B (2010)	MPa	130
Flexural modulus	ISO 178/B (2010)	MPa	3400
HDT	ISO 75 -2A (2013)	°C	50
Barcol hardness at 25°C	ASTM D 2583 (2007)	units	39

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