

DISTITRON® 615 V4

First Emission: 16/01/2012

Version: 07, 01/09/2016

Product type

Unsaturated polyester resin in styrene, special

Appearance

Yellow - Light - Transparent

Main resin characteristics

Clear, unaccelerated

Main applications

Production of Gelcoat

Moulding informations

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. Use before reported shelf-life

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 ³	1,12
Brookfield viscosity at 25°C, sp 2 rpm 20	MT-CUT25V	mPa.s	350 - 450
Solid content	MT-CU001C	%	65,5 - 68
Reactivity	at 25°C + 0,2% Co 6% + 2% mix MEKP/AAP		
Gel time	RS.08.G	minutes	21:00 - 23:00
Curing time	RS.08.G	minutes	26:50 - 32:50
Exothermic peak	RS.08.G	°C	180 - 210
Acidity	MT-CU001I	mgKOH/g	13 - 21
Shelf life at 23°C in the dark	MT-CU002S	months	6

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	65
Tensile modulus	ISO 527 (2012)	MPa	3500
Elongation at break	ISO 527 (2012)	%	2,6
Flexural strength	ISO 178/b (2010)	MPa	115
Flexural modulus	ISO 178/b (2010)	MPa	3300
HDT	ISO 75 -2A (2013)	°C	94
Barcol hardness at 25°C	ASTM D 2583 (2007)	units	44

Polynt S.p.A. - Company with sole shareholder
 Headquarters: Via Enrico Fermi, 51 - IT - 24020 Scanzorosciate (BG)
 Phone +39 035 65211 - Fax +39 035 652421
 R.E.A. Bergamo: 383079 - Share capital fully paid € 23,599,698.00

Company subject to the direction and coordination of Polynt Group Holding Inc. The information contained in this document (which is to be intended only for explanatory purposes) is correct and accurate and is based on our technical and scientific knowledge and on literature at the date of publication. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing in the information contained in this document shall be deemed to be a warranty or a representation (explicit or implicit) by the manufacturer, and/or taken or construed as infringing of any existing patents. The manufacturer shall not be under any liability or responsibility for any of the information provided under this document or for any errors, omissions or misstatements, even with regard to results to be obtained through the use of the aforesaid information.