RESIN TRICURE 11C421N

PRODUCT IDENTIFIER

Product Name:	Resin TriCure 11C421N	
	1060812 Rev.1	
Revision Date:	24-SEP-2025	

MAIN CHARACTERISTICS

Product Type

Unsaturated polyester resin in styrene, Orthophthalic

Appearance

Bluish

Main Applications

General purpose

Moulding Informations

Hand lay up and Spray up

Main Resin Characteristics

With catalyst indicator

Low reactivity

Low styrene emission

Preaccelerated

Thixotropic

Shelf Life & Storage

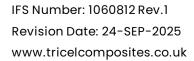
Store in the shade, out of direct sunlight. Keep storage temperature below 25°C. Unseal container just before use. Shelflife will be reduced reaching higher temperature.

Precaution for Handling

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
Stir the resin before use, without introducing air

FEATURES OF LIQUID RESIN(1)

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
Specific weight at 20°C		g/cm³	1, 10
Brookfield viscosity at	MT-CU T23V	mPa.s	350-550
23°C, sp 2 rpm 50			
Solid content	MT-CU 001C	%	57-61
Reactivity	at 23°C +1,5% MEKP50		
Gel time (2)	MT-CU 151R	minutes	10-12
23°C - Peak	MT-CU151R	minutes	22-28
Exothermic peak	MT-CU 151R	°C	105-125





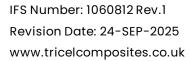
Storage stability at 23°C	MT-CU 002S	months	4
in the dark			

- 1) Thoroughly test in your applications before full-scale use. Geltimes may vary due to the reactive nature of these materials and due to different brands of curing additives. Always test on small scale before formulating large quantities.
- 2) If present, Cobalt is herewith intended as octoate. Use of different Cobalt salts could result in different geltimes. Always test on small scale before formulating large quantities.

PROPERTIES OF THE CURED UNREINFORCED RESIN (3)

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
Curing cycle	16 h at 80°C + 2 h at		
	120°C		
Tensile strength	ISO 527 (2012)	МРа	60
Tensile modulus	ISO 527 (2012)	МРа	4050
Elongation at break	ISO 527 (2012)	%	1, 8
Flexural strength	ISO 178 (2011)	МРа	70
Flexural modulus	ISO 178 (2011)	МРа	3250
HDT	ISO 75-2A (2013)	°C	72

3) Properties are typical values, based on material tested in our laboratories, but varies from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.





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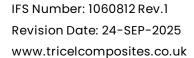
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