

TECHNICAL DATA SHEET

TRICURE 11C321G

PRODUCT IDENTIFIER

Product Name:	TriCure 11C321G 1048017 Rev.2
Revision Date:	30-SEP-2025

MAIN CHARACTERISTICS

Product Type

Unsaturated polyester resin in styrene,
Orthophthalic

Appearance

Pink

Main Resin Characteristics

Low styrene emission
Low viscosity
Medium reactivity
Preaccelerated
Thixotropic

Main Applications

General purpose

Moulding Informations

Hand lay up and Spray up

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.

Precautions for Handling

Read carefully the Safety Data Sheet . Stir the resin before use, without introducing air.

FEATURES OF THE LIQUID RESIN⁽¹⁾

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
Specific weight at 23°C		g/cm ³	1,08-1,12
Cone & Plate	ISO 2884	mPa.s	180-200
Brookfield LV at 23°C, sp 2 rpm 12		mPa.s	900-1100
Non Volatile Content	B070	%	42-46
Reactivity	at 25°C + 2% MEKP50		
Gel time ⁽²⁾	G020	minutes	13-17
Acid value	ISO 2114	mgKOH/g	< 30
Storage stability at 23°C in the dark	G180	months	6

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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	Fully postcured		
Tensile strength	ISO 527 (2012)	MPa	47
Elongation at break	ISO 527 (2012)	%	2,2
Flexural strength	ISO 178 (2011)	MPa	90
Flexural modulus	ISO 178 (2011)	MPa	3700
HDT	ISO 75-2A (2013)	°C	63
Volumetric shrinkage		%	9

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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