

TECHNICAL DATA SHEET

TRIJECT 11C351G

PRODUCT IDENTIFIER

Product Name:	TriJect 11C351G 1152226 Rev.1
Revision Date:	24-SEP-2025

MAIN CHARACTERISTICS

Product Type

Unsaturated polyester resin in styrene,
Orthophthalic

Appearance

Pink – Light

Main Applications

General purpose

Moulding Informations

Hand lay up and Spray up
Injection moulding, RTM

Main Resin Characteristics

Low reactivity
Low viscosity
Preaccelerated

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

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, 12
Brookfield viscosity at 23°C, sp 2 rpm 50	MT-CU T25V	mPa.s	90-110
Solid content	MT-CU 001C	%	47-51
Reactivity	at 23°C + 2% AAP		
Gel time ⁽²⁾	MT-CU 151R	minutes	6-8
23°C - Peak	MT-CU 151R	minutes	10-12
Exothermic peak	MT-CU 151R	°C	150-180
Storage stability at 23°C in the dark	MT-CU 002S	months	5

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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	24h at 23°C + 2h at 100°C + 1h at 100°C		
Tensile strength	ISO 527 (2012)	MPa	45
Tensile modulus	ISO 527 (2012)	MPa	4022
Elongation at break	ISO 527 (2012)	%	1.25
Flexural strength	ISO 178 (2011)	MPa	48
Flexural modulus	ISO 178 (2011)	MPa	3881
HDT	ISO 75-2A (2013)	°C	64

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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