TECHNICAL DATA SHEET

TRIJECT FR 15C252A

PRODUCT IDENTIFIER

Product Name:	TriJect FR 15C252A	
	1312648 Rev.1	
Revision Date:	30-SEP-2025	

MAIN CHARACTERISTICS

Product Type Main Resin Characteristics

Unsaturated polyester resin in styrene, Low styrene emission

Orthophthalic Pigmented

Appearance Preaccelerated Medium reactivity

White Thixotropic

Main Applications Moulding Informations

General purpose Vacuum infusion

Injection moulding, RTM

Shelf Life & Storage

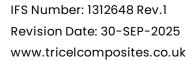
Store in the shade, out of direct sunlight. Keep storage temperature below 25°C. Unseal container just before use. Shelflife will be reduced reaching higher temperature.

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 20°C		g/cm³	
Brookfield viscosity at	MT-CU T23V	mPa.s	190 - 230
23°C, sp 2 rpm 50			
Solid content	MT-CU 001C	%	52 - 56
Reactivity	at 23°C + 2% AAP		
Gel time (2)	MT-CU157R	Minutes	10 - 14
23°C - Peak	MT-CU157R	Minutes	15 - 20





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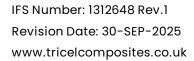
Exothermic peak	MT-CU 157R	°C	130 - 160
Storage stability at 23°C	MT-CU 002S	Months	4
in the dark			

- 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	3300
Elongation at break	ISO 527 (2012)	%	2,7
Flexural strength	ISO 178 (2011)	МРа	125
Flexural modulus	ISO 178 (2011)	МРа	3705
HDT	ISO 75-2A (2013)	°C	113

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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