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 | MT-CUT25V | mPa.s | 90-110 |
| 23°C, sp 2 rpm 50 | | | |
| 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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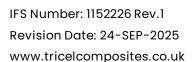
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- 1) Thoroughly test in your applications before full-scale use. Geltimes may vary due to the reactive nature of these materials and due to different brands of curing additives. Always test on small scale before formulating large quantities.
- 2) If 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) | МРа | 45 |
| Tensile modulus | ISO 527 (2012) | МРа | 4022 |
| Elongation at break | ISO 527 (2012) | % | 1.25 |
| Flexural strength | ISO 178 (2011) | МРа | 48 |
| Flexural modulus | ISO 178 (2011) | МРа | 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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