# TECHNICAL DATA SHEET

# TRICURE 11B711A

#### **PRODUCT IDENTIFIER**

Product Name:	TriCure 11B711A
	1048017 Rev.2
Revision Date:	30-SEP-2025

TriCure 11B711A is a constructional, white, terephthalic, accelerated, unsaturated polyester resin with colorful curing indicator system

#### **Application**

TriCure 11B711A is designed for the production of polyester glass laminates by hand lay-up or spray-up.

#### **Properties**

- good processing parameters
- low styrene emission
- · good wetting of glass fiber

#### **Shelf Life**

3 months from the date of manufacture

#### Storage

TriCure 11B711A should be stored in closed packaging in a dry, cool place, protected from sunlight and suitable for storage of flammable materials at temperatures not exceeding 25°C.

#### **Processing Conditions**

The resin should be mixed before use. Good curing requires ambient temperature above 18 °C and low air humidity. The best curing conditions are obtained using 1% MEKP as hardener. It is possible to adjust gel time by varying the amount of hardener, within in the range of 1–2%. Finally, curing could be optimized by post-curing at elevated temperatures.

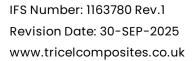


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## **SPECIFICATION**

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
Viscosity at 25°C	acc. to ISO 3219	mPa s	180 ÷ 230
Gel time at 25°C	acc. to DIN 16945	min	20 ÷ 30
Tensile strength	acc. to ISO 527	МРа	60
Flexural strength	acc. to ISO 178	МРа	100
Tensile modulus	acc. to ISO 527	МРа	3 000
Elongation at break	acc. to ISO 527	%	2,0
Heat deflection temperature (HDT)	acc. to ISO 75	°C	65
Barcol hardness	ASTM D 2583-95	В	40

Gel time with 1 % Luperox  $^{\circ}$  K-1S (MEKP) Mechanical parameters refer to unreinforced resin cured for 24 hours at room temperature and post-cured for 2 hours at 80  $^{\circ}$ C.





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