

# MTM® 70

Epoxy; Epoxide

Cytec Industries Inc.

## Message:

MTM70 is a toughened, variable cure temperature prepreg matrix formulated for the manufacture of structural components operating at elevated service temperatures.

After a 135°C (275°F) standard cure cycle, MTM70 provides excellent mechanical performance for components operating at up to 140°C (284°F).

After post—cure to 180°C (356°F), MTM70 will operate at higher temperatures without significant loss of toughness.

General Information		
Features	Good Toughness	
	Heat Cure	
	High Heat Resistance	
Uses	Structural Parts	
Forms	Fiber	
Physical	Nominal Value	Unit
Specific Gravity <sup>1</sup>	1.27	g/cm <sup>3</sup>
Thermal	Nominal Value	Unit
Glass Transition Temperature		
-- <sup>2</sup>	145	°C
-- <sup>3</sup>	190	°C
NOTE		
1.	Cured resin	
2.	DMA E' onset Tg, 90 minutes at 135°C (275°F)	
3.	DMA E' onset Tg, 90 minutes at 135°C (275°F) + 2 hours at 180°C (356°F)	

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## Recommended distributors for this material

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