

MTM® 249

Epoxy; Epoxide

Cytec Industries Inc.

Message:

MTM249 is a tough and dual-cure temperature prepreg matrix formulated for the manufacture of structural components operating at temperatures up to 200°C (392°F).

MTM249 will cure at 135°C (275°F) and provide excellent mechanical performance for components operating up to 140°C (284°F). A 180°C (356°F) cure will increase the service temperature to 180°C (356°F) whilst retaining a high level of toughness. Maximum service temperature is 200°C (392°F) after a 200°C (392°F) post-cure.

General Information		
Features	Good Toughness	
	Heat Cure	
	High Heat Resistance	
Uses	Structural Parts	
Forms	Fabric	
Physical	Nominal Value	Unit
Specific Gravity ¹	1.20	g/cm ³
Thermal	Nominal Value	Unit
Glass Transition Temperature		
-- ²	140	°C
-- ³	203	°C
NOTE		
1.	Cured resin	
2.	DMA E' onset Tg, 3 hours at 135°C (275°F), dry	
3.	DMA E' onset Tg, 3 hours at 135°C (275°F), dry + 2 hour at 200°C (392°F), dry	

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