

# MTM® 48

Epoxy; Epoxide  
Cytec Industries Inc.

Message:

MTM® 48 prepreg is a 120°C (248°F) curing toughened, flame retarded epoxy matrix resin designed for component manufacture. MTM48 is specifically formulated for the manufacture of honeycomb sandwich structures.

MTM48 resin system exhibits good ambient mechanical performance, environmental resistance and flame-retardant performance.

MTM48 should be considered as a candidate material for secondary structure applications over a -55°C to +80°C (-67°F to +176°F) temperature range.

General Information		
Filler / Reinforcement	Aramid Fiber	
	Carbon Fiber	
	Glass Fiber	
Features	Flame Retardant	
	Heat Cure	
	Self Extinguishing	
Uses	Aerospace Applications	
	Structural Parts	
Agency Ratings	FAR 25.853	
	UL 94	
Forms	Fabric	
Physical	Nominal Value	Unit
Specific Gravity <sup>1</sup>	1.31	g/cm <sup>3</sup>
Thermal	Nominal Value	Unit
Glass Transition Temperature		
-- <sup>2</sup>	90.0	°C
-- <sup>3</sup>	110	°C
NOTE		
1.	Cured resin	
2.	DMA E' onset Tg, 1 hour at 120°C (248°F)	
3.	DMA E' onset Tg, 90 minutes at 135°C (275°F)	

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Recommended distributors for this material

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