

MTM® 110 series

Thermoset, Unspecified

Cytec Industries Inc.

Message:

MTM110 series prepregs are high temperature resistant, inherently flame-retardant, cyanate ester matrices suitable for initial cure at 135°C (275°F). After a suitable post-cure, the glass transition temperature can be increased to a maximum of 330°C (626°F), thus allowing components to withstand short duration thermal spikes up to this temperature.

MTM110 series autoclave processing prepregs have been specially developed for applications where extended room temperature out life is important.

General Information		
Filler / Reinforcement	Aramid Fiber	
	Carbon Fiber	
	Glass Fiber	
Features	Autoclavable	
	Flame Retardant	
	Good Electrical Properties	
	Good Thermal Aging Resistance	
	Heat Cure	
	High Heat Resistance	
	Low Smoke Emission	
Uses	Bonding	
Forms	Film	
Physical	Nominal Value	Unit
Specific Gravity ¹	1.28	g/cm ³
Thermal	Nominal Value	Unit
Glass Transition Temperature		
-- ²	145	°C
-- ³	330	°C
NOTE		
1.	Cured resin	
2.	DMA E' onset Tg, 3 hours at 135°C (275°F), dry	
3.	DMA E' onset Tg, 2 hours at 300°C (572°F), dry	

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