

LTM® 110 series

Thermoset, Unspecified

Cytec Industries Inc.

Message:

LTM110 series prepregs are high service temperature cyanate ester resin system capable of initial cure at temperatures as low as 70°C (158°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.

LTM110 series component prepregs have been specifically developed for applications where the best dimensional stability is required over a wide temperature range, and where tooling suitable for high temperature autoclave curing is not available.

General Information		
Filler / Reinforcement	Aramid Fiber	
	Carbon Fiber	
	Glass Fiber	
Features	Autoclavable	
	Flame Retardant	
	Good Dimensional Stability	
	Heat Cure	
	High Heat Resistance	
	Low Smoke Emission	
Uses	Bonding	
	Tooling	
Forms	Fabric	
Physical	Nominal Value	Unit
Specific Gravity ¹	1.28	g/cm ³
Electrical	Nominal Value	
Dielectric Constant (14.0 GHz)	2.98	
NOTE		
1.	Cured resin	

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