

MTM® 29SFR

Epoxy; Epoxide

Cytec Industries Inc.

Message:

MTM29SFR prepregs are controlled flow, 120°C (248°F) curing, halogen-free, flame-retarded epoxy resin materials offering flexible processing and handling characteristics.

MTM29SFR has been developed specifically for rail applications and can be processed by oven vacuum bag, press moulding and autoclave. These prepregs exhibit a good balance of mechanical properties and, after a suitable cure, can be used at temperatures up to 80°C (176°F).

General Information		
Features	Autoclavable	
	Flame Retardant	
	Good Processability	
	Halogen Free	
	Heat Cure	
Agency Ratings	BS 6853 level 1b	
	DIN 5510	
Forms	Fabric	
Processing Method	Press Molding	
	Vacuum Forming	
Physical	Nominal Value	Unit
Specific Gravity ¹	1.28	g/cm ³
Thermal	Nominal Value	Unit
Glass Transition Temperature		
-- ²	82.0	°C
-- ³	115	°C
NOTE		
1.	Cured resin	
2.	DMA E' onset Tg, 1 hour at 120°C (248°F), wet	
3.	DMA E' onset Tg, 1 hour at 120°C (248°F), dry	

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Recommended distributors for this material

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