

MTM® 348FR

Epoxy; Epoxide

Cytec Industries Inc.

Message:

MTM348FR is a 120°C (248°F), versatile curing epoxy resin prepreg matrix designed for railway applications to offer fire protection on railway vehicles to meet Category HL2 of EN45545-2:2013.

MTM348FR has excellent mechanical properties and is ideal for the manufacture of lightweight composite components for both interior and exterior structural and non-structural applications.

MTM348FR is also suitable for other mass transportation applications where a high degree of fire performance is demanded.

General Information		
Filler / Reinforcement	Aramid Fiber	
	Carbon Fiber	
	Glass Fiber	
Features	Flame Retardant	
	Heat Cure	
	Low Smoke Emission	
Agency Ratings	EN 45545	
Forms	Fabric	
Physical	Nominal Value	Unit
Specific Gravity ¹	1.48	g/cm ³
Thermal	Nominal Value	Unit
Glass Transition Temperature		
-- ²	104	°C
-- ³	159	°C
NOTE		
1.	Cured resin	
2.	DMA E' onset Tg, 1 hour at 120°C (248°F), 90psi (6.2bar)	
	DMA E' onset Tg, 1 hour at 120°C (248°F), 90psi (6.2bar) + 2 hours at 160°C (320°F)	
3.		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

