

MTM® 248S

Epoxy; Epoxide
Cytec Industries Inc.

Message:

MTM® 248S is a 125°C (257°F) curing, fire retardant, epoxy matrix prepreg system offering a high level of adhesion to a number of substrates and honeycomb cores.

MTM248S, which is available on a wide range of reinforcements, can be processed using vacuum bag, autoclave or press moulding methods.

MTM248S offers fire retardancy and a high level of adhesion and can be used in applications such as honeycomb cored sandwich panels and the support of ceramic plates in ballistic armour.

General Information	
Features	Autoclavable
	Flame Retardant
	Good Adhesion
	Heat Cure
	Self Extinguishing
Uses	Aerospace Applications
	Bonding
	Reinforced Panels
	Structural Parts
Agency Ratings	FAR 25.853
Processing Method	Press Molding
	Vacuum Forming

Physical	Nominal Value	Unit
Specific Gravity ¹	1.25	g/cm ³
Thermal	Nominal Value	Unit
Glass Transition Temperature		
-- ²	85.0	°C
-- ³	100	°C

NOTE	
1.	Cured resin
2.	DMA E' onset Tg, 1 hour at 125°C (257°F), wet - 14 days immersion water
3.	DMA E' onset Tg, 1 hour at 125°C (257°F), dry

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