

FM® 50

Thermoset Polyimide

Cytec Industries Inc.

Message:

FM® 50 is a non-MDA-based polyimide foam material intended for core-splicing applications requiring 500 - 600°F (260 - 316°C) service. FM 50 may be cured in place with either a free or restrained foaming process. It contains no metallic fillers.

Suggested Applications:

High temperature core splice and edge sealing applications

General Information		
Features	Good Thermal Stability	
	High Heat Resistance	
Uses	Adhesives	
	Bonding	
	Foam	
	Sealants	
Processing Method	Foam Processing	
Physical	Nominal Value	Unit
Specific Gravity	1.06	g/cm ³
Mechanical	Nominal Value	Unit
Shear Strength ¹ (24°C)	0.655	MPa
Cured Properties	Nominal Value	Unit
Lap Shear Strength ² (24°C)	8.27	MPa
NOTE		
1.	Tube Shear	
2.	Tested on 6Al-4V Titanium	

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Recommended distributors for this material

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