

FM® 410

Epoxy; Epoxide

Cytec Industries Inc.

Message:

FM® 410 adhesive foam, a modified epoxy material, is supplied in sheet form and may be cured in place by either a free-foaming or restrained foaming process. The operating temperature is -67°F to 350°F (- 55°C to 177°C). FM 410 is specifically designed for splicing honeycomb core under ambient pressure. Typical applications are bonding of inserts or edge members to core and local honeycomb core reinforcement where increased shear strength is required. Because FM 410 contains no metallic fillers it has good radar transparency.

Suggested Applications:

Splicing honeycomb core

Bonding of inserts or edge members to core

Local reinforcement of honeycomb core

General Information		
Features	Good Adhesion	
	Good Strength	
Uses	Adhesives	
	Bonding	
	Foam	
	Structural Foam	
Appearance	Green	
Forms	Sheet	
Processing Method	Foam Processing	
Physical	Nominal Value	Unit
Specific Gravity	0.320 to 0.641	g/cm ³
Mechanical	Nominal Value	Unit
Shear Strength		
24°C ¹	5.69	MPa
24°C ²	6.31	MPa
Additional Information	Nominal Value	Unit
Volatiles	< 1.0	%
NOTE		
1.	Tube Shear, 350°F cure	
2.	Tube Shear, 250°F cure	

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Recommended distributors for this material

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