

FM® 680-2

Thermoset Polyimide

Cytec Industries Inc.

Message:

FM® 680-2 adhesive foam is a condensation-type polyimide foam intended for core splice and edge sealing applications where 600°F (316°C) service is expected. This product does not contain metallic filler and may be used in applications where radar transparency is needed. FM 680-2 is co-curable at temperatures of 350°F (177°C) and above with composite materials.

Suggested Applications:

- Splicing honeycomb core
- Bonding of inserts or edge members to core
- Local reinforcement of honeycomb core

General Information		
Features	Good Adhesion High Heat Resistance	
Uses	Adhesives Bonding Foam Sealants Structural Foam	
Appearance	Brown	
Physical	Nominal Value	Unit
Specific Gravity		
-- ¹	0.375	g/cm ³
-- ²	1.16	g/cm ³
Mechanical	Nominal Value	Unit
Shear Strength ³		
25°C	1.65	MPa
177°C	1.52	MPa
NOTE		
1.	Cured	
2.	Uncured	
3.	Tube Shear	

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