

FM® 57

Thermoset Polyimide

Cytec Industries Inc.

Message:

FM® 57 film adhesive is a condensation polyimide adhesive supplied as a supported film with woven fiberglass carrier. FM 57 does not contain methylene dianiline (MDA). It is suitable for bonding metallic and non-metallic substrates as well as honeycomb structures. FM 57 film adhesive can be processed at 350°F (177°C) with a free-standing post-cure at 550°F (288°C). This adhesive film provides a service temperature of -67 to 550°F (-55 to 288°C) and can be used for repair and radar applications.

Suggested Applications:

Honeycomb sandwich construction

Metallic bonding

Non-metallic bonding

General Information		
Features	High Heat Resistance	
Uses	Adhesives	
	Bonding	
Appearance	Brown	
Forms	Film	
Mechanical	Nominal Value	Unit
Tensile Strength ¹		
24°C	6.14	MPa
177°C	4.59	MPa
Shear Strength		
24°C ²	24.3	MPa
24°C ³	24.8	MPa
NOTE		
1.	Flatwise tensile, FM 57 film adhesive sandwich bonding	
2.	FM 57 film adhesive on composite substrate	
3.	FM 57 film adhesive on titanium substrate	

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

