

FM® 355

Epoxy; Epoxide

Cytec Industries Inc.

Message:

FM 355 is a modified epoxy adhesive formulated to maximize toughness in applications requiring hot/wet performance to 350°F (177°C) cure. It contains no asbestos or aluminum fillers which is desirable for radar transparent applications. FM 355 adhesive film is supported with a lightweight nylon carrier and will cure at 350°F (177°C) in one hour. For composite bonding applications, FM 355 adhesive provides excellent toughness and shear strength properties. It was developed for co-cure as well as secondary bonding applications. In addition, FM 355 adhesive can be co-cured with epoxy or bismaleimide (BMI) composite systems requiring post-cures of up to 475°F (246°C).

General Information		
Features	Good Adhesion	
	Good Strength	
	Good Toughness	
	High Heat Resistance	
Uses	Adhesives	
	Bonding	
Appearance	Blue	
Forms	Film	
Mechanical	Nominal Value	Unit
Tensile Strength ¹		
24°C	6.89	MPa
177°C	5.52	MPa
Additional Information	Nominal Value	Unit
Volatiles	< 1.0	%
NOTE		
1.	Flatwise tension, 0.064 2024-T3 Alclad	

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