

CYCOM® 5250-4

Maleic Anhydride Grafted Polymer

Cytec Industries Inc.

Message:

CYCOM® 5250-4 is a 350°F to 400°F (177°C to 204°C) curing bismaleimide resin with a service temperature range of -75°F to 400°F (-59°C to 204°C). CYCOM 5250-4 is specifically formulated for use in primary aircraft structures. In addition, a variety of secondary structural components can take advantage of the increased performance from using high-strain carbon fibers and the improved damage- resistance this system provides. CYCOM 5250-4 is available with either carbon fiber or glass fiber reinforcement in unidirectional tape, woven broadgood and roving forms.

General Information			
Features	Good Compressive Strength		
	Good Toughness		
	High Heat Resistance		
	Solvent Resistant		
Uses	Adhesives		
	Aerospace Applications		
	Reinforced Panels		
	Structural Parts		
Physical	Nominal Value	Unit	
Specific Gravity ¹	1.25	g/cm ³	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ²	4620	MPa	ASTM D3039
Tensile Strength ³	103	MPa	ASTM D3039
Flexural Strength ⁴	163	MPa	ASTM D790
NOTE			
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