

CYCOM® 977-3

Epoxy; Epoxide

Cytec Industries Inc.

Message:

CYCOM® 977-3 is a 350°F (177°C) curing resin. It is a toughened epoxy resin with 350°F (177°C) dry and 270°F (132°C) wet service capability. CYCOM 977-3 is formulated for autoclave or press molding and can be cured at 350°F (177°C) for six hours. Unidirectional tape and woven fabric impregnated with CYCOM 977-3 resin will retain tack for 21 days at 72°F (22°C). It has a long mechanical out life suitable for fabrication of large structures.

General Information		
Features	Autoclavable	
	Heat Cure	
	High Impact Resistance	
Uses	Aerospace Applications	
	Reinforced Panels	
	Structural Parts	
Forms	Fabric	
	Fiber	
Processing Method	Press Molding	
Physical	Nominal Value	Unit
Specific Gravity ¹	1.29	g/cm ³
Mechanical	Nominal Value	Unit
Flexural Modulus ²	3720 to 3860	MPa
Flexural Strength ³	117 to 172	MPa
Compressive Strength ⁴	184 to 188	MPa
NOTE		
1.	Neat Resin	
2.	Neat Resin	
3.	Neat Resin	
4.	Yield	

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Recommended distributors for this material

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