

CYCOM® 977-6

Epoxy; Epoxide

Cytec Industries Inc.

Message:

Cycom® 977-6 is the industry benchmark for tough lower temperature curing modified epoxy resins. It is a versatile curing toughened epoxy resin which can be cured from 135°C to 177°C, depending on service temperature requirements. Following a 177°C cure, 977-6 has a 138°C dry and a 104°C wet service temperature. Cycom® 977-6 is formulated for lower temperature autoclave or press mould processing.

Typical applications for Cycom® 977-6 include high performance automotive, aircraft primary and secondary structure, space structure, and any application where impact resistance and lightweight as well as versatile cure conditions are required.

General Information		
Features	Autoclavable	
	Heat Cure	
	High Impact Resistance	
	Outstanding Surface Finish	
Uses	Aerospace Applications	
	Automotive Applications	
	Structural Parts	
Forms	Fabric	
	Fiber	
Processing Method	Press Molding	
Physical	Nominal Value	Unit
Specific Gravity ¹	1.31	g/cm ³
Mechanical	Nominal Value	Unit
Flexural Modulus ²	3930	MPa
Flexural Strength ³	154	MPa
Compressive Strength ⁴	179	MPa
NOTE		
1.	Neat Resin	
2.	Neat Resin	
3.	Neat Resin	
4.	Neat Resin	

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