

CYCOM® 934

Epoxy; Epoxide
Cytec Industries Inc.

Message:

CYCOM® 934 is a high flow, 350°F (177°C) curing epoxy resin with good 200°F (93°C) wet and 350°F (177°C) dry service capability. CYCOM 934 is formulated for autoclave processing, but it has been successfully processed by press molding. Unidirectional tape and woven fabric impregnated with CYCOM 934 resin will retain good tack and drape for at least 10 days at 70°F (21°C). Standard cure is for two hours at 350°F (177°C). No post cure is required for 350°F (177°C) dry service capability.

Recommended lay-up procedure is L-3 or L-6. Recommended cure procedure is C-5 or C-9.

CYCOM 934 can be impregnated via hot melt or solution techniques on all available fibers and fabrics.

General Information		
Features	Autoclavable	
	Heat Cure	
Uses	Aerospace Applications	
	Military Applications	
	Structural Parts	
Forms	Fabric	
	Fiber	
Processing Method	Press Molding	
Physical	Nominal Value	Unit
Specific Gravity ¹	1.30	g/cm ³
Mechanical	Nominal Value	Unit
Tensile Modulus ² (24°C)	4140	MPa
Tensile Strength ³ (24°C)	82.7	MPa
Tensile Elongation ⁴ (Break)	0.70	%
Flexural Modulus ⁵	4140	MPa
Flexural Strength ⁶	68.9	MPa
NOTE		
1.	Neat Resin	
2.	Neat Resin	
3.	Neat Resin	
4.	Neat Resin	
5.	Neat Resin	
6.	Neat Resin	

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