

CYCOM® 985

Epoxy; Epoxide

Cytec Industries Inc.

Message:

CYCOM® 985 is a 350°F (177°C) curing epoxy resin system.

CYCOM 985 is designed for use where a balance of performance and processing characteristics is required. It has excellent structural performance and good impact resistance. CYCOM 985 is co-curable with structural adhesives and will produce outstanding thin-skinned sandwich structures.

CYCOM 985 allows thick section construction without exotherm problems. Optimum properties are achieved by curing under autoclave pressure from 45 to 100 psi (as appropriate to panel configuration) at 350°F (177°C) for two hours. CYCOM 985 prepregs have good tack and drape and an out-time of two weeks at room temperature.

General Information		
Features	Autoclavable	
	Good Processability	
	Heat Cure	
	High Impact Resistance	
Uses	Aerospace Applications	
	Structural Parts	
Forms	Fabric	
	Fiber	
Physical	Nominal Value	Unit
Specific Gravity ¹	1.25	g/cm ³
Mechanical	Nominal Value	Unit
Flexural Modulus ²	4070	MPa
Flexural Strength ³	155	MPa
NOTE		
1.	Neat Resin	
2.	Neat Resin	
3.	Neat Resin	

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