

CYCOM® 950-1

Epoxy; Epoxide

Cytec Industries Inc.

Message:

CYCOM® 950-1 modified epoxy resin is a 121°C (250°F) cure system with the performance of a 177°C (350°F) curing epoxy. CYCOM 950-1 prepreg is curable under vacuum-bag-only pressure conditions.

CYCOM 950-1 is a controlled flow, net resin content material that offers significant advantages over wet lay-up systems for structural repairs. Advantages include favorable stress-strain characteristics, product quality and consistency, speed of lay-up and vastly improved health and safety characteristics.

Suggested Applications:

Helicopter fuselage and rotor components

Wing structures

Field repairs and permanent repairs

Space flight applications

General Information		
Features	Autoclavable	
	Heat Cure	
Uses	Aerospace Applications	
	Laminates	
	Reinforced Panels	
	Structural Parts	
Forms	Fabric	
Processing Method	Vacuum Forming	
Physical	Nominal Value	Unit
Specific Gravity	1.27	g/cm ³
Mechanical	Nominal Value	Unit
Tensile Modulus ¹	4140	MPa
Tensile Strength ²	52.4	MPa
Tensile Elongation ³ (Break)	1.5	%
NOTE		
1.	Neat Resin	
2.	Neat Resin	
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