

CYCOM® 5216

Epoxy; Epoxide

Cytec Industries Inc.

Message:

CYCOM® 5216 is a 200 - 250°F (93 - 121°C) curing, modified epoxy resin. Service temperature range is -67 to 180°F (-55 to 82°C). This prepreg is manufactured by hot melt processing and is virtually solvent- free.

All three fiber materials - carbon, aramid and glass - are available in unidirectional, woven and, on special order, roving forms. Typical applications include rotorblade spars and skins.

Carbon fiber reinforced CYCOM 5216 is a good candidate for aircraft secondary structure, commercial aircraft and aerospace products. Aramid reinforced CYCOM 5216 currently has application in helicopter structure, rotorblades and high impact resistant laminates. Glass fiber reinforced CYCOM 5216 is used in military and commercial helicopter blades and structures and is extensively used for engine nacelles.

General Information		
Features	Autoclavable	
	Fatigue Resistant	
	High Flow	
	High Impact Resistance	
	High Strength	
Uses	Aerospace Applications	
	Reinforced Panels	
	Structural Parts	
Forms	Fabric	
	Fiber	
	Unidirectional Prepreg	
Processing Method	Hot Melt	
Physical	Nominal Value	Unit
Specific Gravity ¹	1.24	g/cm ³
NOTE		
1.	Neat Resin	

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