

CYCOM® E773

Epoxy; Epoxide

Cytec Industries Inc.

Message:

CYCOM® E773/E773FR resins are controlled flow epoxy systems with a large processing window. They exhibit excellent high temperature performance up to 180°F (82°C) wet service temperature. The systems have good retention of tack and drape up to 20 days at room temperature in prepreg form. A straight two hour ramp cure in either a press or an autoclave may be used. No post-cure is requirement to achieve service temperature.

Suggested Applications:

Helicopter blades

Other aircraft structural components

General Information		
Features	Autoclavable	
Uses	Aerospace Applications	
	Structural Parts	
Forms	Fabric	
Processing Method	Press Molding	
Physical	Nominal Value	Unit
Specific Gravity	1.28	g/cm ³
Mechanical	Nominal Value	Unit
Tensile Modulus (24°C)	3450	MPa
Tensile Strength (24°C)	64.1	MPa
Flexural Modulus	3790	MPa
Flexural Strength	93.8	MPa
Thermal	Nominal Value	Unit
Glass Transition Temperature ¹	155	°C
NOTE		

1.

Wet conditioning: 90 hour water
soak at 160°F (71°C)

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