

BR® 623-1

Epoxy; Epoxide
Cytec Industries Inc.

Message:

BR® 623-1 potting compound is a one-part epoxy material designed for use in insert or edge filling of honeycomb structure. It has been formulated to have low viscosity making it especially suitable for hand- filling small cell size honeycomb. BR 623-1 has a long working outlife at 75°F (24°C). Test show the product is still hand-usable even after 1 month at 75°F (24°C). The thixotropic nature of BR 623-1 ensures that there is no slump or resin separation during the cure of the potting compound when it is used to fill honeycomb panels and closeouts.

Suggested Applications:
Insert and edge filling of honeycomb structures

General Information		
Features	Low Density	
	Low Smoke Emission	
	Low Viscosity	
	Self Extinguishing	
	Thixotropic	
Uses	Filling Applications	
	Structural Parts	
Agency Ratings	ATS 1000.001	
	FAR 25.853	
Appearance	Yellow	
Forms	Paste	
Processing Method	Potting	
Physical	Nominal Value	Unit
Specific Gravity	0.650 to 0.750	g/cm ³
Mechanical	Nominal Value	Unit
Compressive Strength		
79°C	30.9	MPa
24°C	43.6	MPa
-55°C	59.3	MPa
Shear Strength ¹		
24°C	12.3	MPa
82°C	12.5	MPa
Additional Information	Nominal Value	Unit
Volatiles	< 0.50	%
NOTE		
1.	Tube shear	

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Recommended distributors for this material

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