

CORFIL® 615

Adhesive

Cytec Industries Inc.

Message:

CORFIL® 615 potting compound is a low density compound for use as insert or edge filling material in honeycomb sandwich construction. After the curing agent is added, CORFIL 615 remains a thick paste which will not run of its own weight when placed in the desired construction. This thixotropic property is highly convenient because it eliminates the need for molds or other containing devices during the curing period. After CORFIL 615 is cured it will withstand subsequent temperatures up to 350°F (177°C) without becoming fluid or otherwise impairing its use as a structural material. Three curing agents are available to cure the potting compound to a hard, rigid material. These are: Curing Agent "Z" for curing at elevated temperature; Curing Agent "A" for curing at 120°F (49°C); and Curing Agent "DTA" for curing at ambient temperature.

General Information		
Features	Good Adhesion	
	High Heat Resistance	
	Low Density	
	Thixotropic	
Uses	Adhesives	
	Filling Applications	
	Structural Parts	
Appearance	Maroon	
Forms	Paste	
Processing Method	Potting	
Physical	Nominal Value	Unit
Specific Gravity ¹	0.600	g/cm ³
Mechanical	Nominal Value	Unit
Tensile Modulus ²	633	MPa
Compressive Strength ³ (23°C)	41.4	MPa
Additional Information	Nominal Value	Unit
Cure Cycle ⁴ (49°C)	16.0	hr
NOTE		
1.	Curing Agent "A" used with CORFIL 615	
2.	Curing Agent "A" used with CORFIL 615	
3.	Curing Agent "A" used with CORFIL 615	
4.	With 2 hours at room temperature	

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