

DAPCO™ 3042

Epoxy; Epoxide
Cytec Industries Inc.

Message:

DAPCO™ 3042 fast curing paste adhesive is a two-part, room temperature curing, epoxy-based, 100% solids, self-extinguishing, composite edge filling and insert potting material. The material has a convenient one-to-one mix ratio by volume. The product is available in a variety of kit sizes including 50 ml, 200 ml and 400 ml side-by-side cartridges.

Features & Benefits:

- Thixotropic flow properties
- 100% solids content
- Room temperature cure
- Room temperature storage
- 180°F (82°C) performance
- Meets FAR 25.853
- Fast cure rate allowing quicker production

Suggested Applications:

DAPCO 3011 is commonly used for potting, stiffening and edge filling of honeycomb core.

General Information		
Features	Fast Cure	
	Good Adhesion	
	High Stiffness	
	Self Extinguishing	
	Thixotropic	
Uses	Adhesives	
	Aerospace Applications	
Agency Ratings	FAR 25.853	
Appearance	White	
Forms	Paste	
Processing Method	Potting	
Physical	Nominal Value	Unit
Specific Gravity		
-- 1	1.00	g/cm ³
-- 2	1.10	g/cm ³
-- 3	1.15	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	70 to 80	
Mechanical	Nominal Value	Unit
Tensile Strength (25°C)	24.1	MPa
Tensile Elongation (Break)	13	%
Compressive Strength		
177°C	3.45	MPa

82°C	8.96	MPa
25°C	55.2	MPa
Thermoset	Nominal Value	
Thermoset Components		
Hardener	Mix Ratio by Weight: 1.0	
Resin	Mix Ratio by Weight: 1.0	
NOTE		
1.	Hardener, Part B	
2.	Mixed	
3.	Resin, Part A	

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