

BCC Resins BC 7062H

Epoxy; Epoxide

BCC Products Inc.

Message:

BC 7062 are aluminum filled, low viscosity epoxy mass casting resins. These room temperature cure systems allow the user choice thicknesses of 1/8 inch to a maximum of 6 inches without foaming or yielding excessive shrinkage. Casting thicknesses may be increased by incorporating aluminum needles, puffs or granules. BC 7062, when properly cured, provides nearly perfect reproduction, resulting in a dimensionally stable, hard, tough surface. For use in constructing duplicate models, prototypes, patterns, facing dies, etc.

General Information			
Filler / Reinforcement	Aluminum		
Features	Good Dimensional Stability		
	Good Toughness		
	High Hardness		
	Low Viscosity		
Uses	Modeling Material		
	Molds/Dies/Tools		
	Prototyping		
Appearance	Silver		
Forms	Liquid		
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 1.0, Mix Ratio by Volume: 1.0		
Resin	Mix Ratio by Weight: 12, Mix Ratio by Volume: 6.5		
Pot Life ¹ (24°C)	50 to 60	min	ASTM D2393
Thermoset Mix Viscosity ² (24°C)	5400	cP	
Demold Time	720 to 1100	min	
Post Cure Time			
24°C	120	hr	
66°C	3.0 to 4.0	hr	
Additional Information	Nominal Value	Unit	Test Method
Casting Thickness	0.125 to 0.750		
NOTE			
1.	2 lb mass		
2.	Brooksfield		

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