

BCC Resins BC 5008-2

Epoxy; Epoxide

BCC Products Inc.

Message:

BC 5008-2 is a very low viscosity, modified, unfilled, room temperature curing, general purpose resin system. Also considered an excellent general purpose adhesive for in-shop use and will function as a laminating system for horizontal surfaces.

General Information			
Features	Good Adhesion		
	Good Chemical Resistance		
	Low Viscosity		
	Moisture Resistant		
Uses	Adhesives		
	Laminates		
Appearance	Clear Amber		
Forms	Liquid		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.10	g/cm ³	ASTM D792
--	1.11	g/cm ³	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	86		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Ultimate)	65.5	MPa	ASTM D638
Flexural Strength (Break)	124	MPa	ASTM D790
Compressive Strength	120	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.6	°C	ASTM D648
CLTE - Flow	2.1E-5	cm/cm/°C	ASTM D696
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 25, Mix Ratio by Volume: 26		
Resin	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Pot Life (24°C)	25 to 30	min	
Thermoset Mix Viscosity (24°C)	550	cP	ASTM D2393
Demold Time (24°C)	480 to 720	min	

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