

# BCC Resins BC 5009

Epoxy; Epoxide

BCC Products Inc.

## Message:

BC5009 is a very low viscosity, modified, unfilled, room temperature curing, general purpose resin system. BC5009 is a clear-amber epoxy adhesive especially formulated for the bonding of wood and urethane model board. It may be also used as a laminating resin. The resin is color indicated (green) and will turn to a clear amber color as the hardener is mixed into the resin. This indicator system promotes fast and efficient mixing of the resin and hardener, insuring that they are thoroughly mixed yet wasting no time over mixing.

General Information			
Features	Low viscosity		
	General		
Uses	Laminate		
	General		
	Bonding		
Appearance	Transparent amber		
Forms	Liquid		
Processing Method	Lamination method		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore D, 24°C)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Resin	Mixing ratio by weight: 25		
Hardening method	Mixing ratio by weight: 100		
Pot Life (24°C)	30	min	
Thermoset Mix Viscosity <sup>1</sup> (24°C)	2100	cP	ASTM D2393
Post Cure Time (24°C)	16 - 24	hr	
Additional Information			
Use Procedure			
Mix the resin and hardener in the ratio of 100 parts resin to 25 parts hardener, by weight. Continue mixing until the green indicator color disappears. The pot-life of a 125 gram mass will be approximately 30 minutes. When applied in a thin adhesive film, the best procedure is to allow overnight for full cure, however in some rigid structures the adhesive should be cured enough to handle in 6-8 hours.			
NOTE			
1.	Brookfield		

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