

BCC Resins BE 290

Epoxy; Epoxide
BCC Products Inc.

Message:

BE 290 is a low viscosity, medium pot life, room temperature laminating system. BE 290 features low odor, reduced toxicity and adequate working life for construction medium and large fabricating tools.

General Information			
Features	Low to No Odor		
	Low Toxicity		
	Low Viscosity		
Uses	Molds/Dies/Tools		
Appearance	Green		
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
Molding Shrinkage - Flow	0.15	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	86		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	67.2	°C	ASTM D648
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: 3.0, Mix Ratio by Volume: 2.5		
Pot Life (24°C)	65 to 70	min	
Thermoset Mix Viscosity (24°C)	2700	cP	ASTM D2393
Demold Time	1400	min	

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