BCC Resins BC 9060

Silicone

BCC Products Inc.

Message:

BC 9060 is a blue colored, two-component, flowable compound that, regardless of thickness or confinement, cures at room temperature or by application heat. The cured rubber is high strength and high tear with good elongation. BC9060 is a mold-making material recommended for repetitive production of intricate shapes cast in epoxy or urethane resins. It is also used in potting of electronic components and in protecting sensitive assemblies against thermal shock and vibration.

General Information			
Features	Good Tear Strength High Elongation High Strength		
Uses	Electrical/Electronic Applications Molds/Dies/Tools		
Appearance	Blue		
Forms	Liquid		
Processing Method	Casting		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.26	g/cm³	ASTM D792
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A)	60		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	5.52	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tear Strength	15.8	kN/m	ASTM D624
Thermoset	**Nominal Value**	**Unit**	**Test Method**
Thermoset Components			
Hardener	Mix Ratio by Weight: 1.0		
Resin	Mix Ratio by Weight: 10		
Pot Life (24°C)	120	min	
Shelf Life (27°C)	26	wk	
Thermoset Mix Viscosity (25°C)	100000	cP	ASTM D2393

Recommended distributors for this material

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