

BCC Resins BC 9040T

Silicone

BCC Products Inc.

Message:

BC 9040T is a clear, 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. BC9040T 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	Clear/Transparent		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	40		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	4.41	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	17.5	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)	90	min	
Shelf Life (27°C)	26	wk	
Thermoset Mix Viscosity (25°C)	90000	cP	ASTM D2393

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Recommended distributors for this material

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