

# BCC Resins BC 6060

Epoxy; Epoxide  
BCC Products Inc.

Message:

BCC Resins BC 6060 is an Epoxy; Epoxide (Epoxy) product. It can be processed by casting and is available in North America. Typical application: Coating Applications. Primary characteristic: wear resistant.

General Information			
Features	Good Abrasion Resistance		
Uses	Coating Applications		
Appearance	Blue		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.76	g/cm <sup>3</sup>	ASTM D792
--	1.77	g/cm <sup>3</sup>	ASTM D1505
Molding Shrinkage - Flow	0.20	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	89		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Ultimate)	49.6	MPa	ASTM D638
Flexural Strength (Break)	61.4	MPa	ASTM D790
Compressive Strength	113	MPa	ASTM D695
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648
CLTE - Flow	3.8E-5	cm/cm/°C	ASTM D696
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 9.0, Mix Ratio by Volume: 15		
Resin	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Pot Life (24°C)	30 to 35	min	
Thermoset Mix Viscosity (24°C)	25000	cP	ASTM D2393
Demold Time (24°C)	720 to 960	min	

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