

# BCC Resins BC 8645

Polyurethane

BCC Products Inc.

## Message:

BCC Kwik Kast/Gray is a two component, fast setting polyurethane reproduction plastic. BC 8645 sets to a demoldable hardness within 30 minutes @ 77°F. Uses include; tracing models, core boxes, duplicating aids, patterns, prototypes, low temperature vacuum form tools, etc..

General Information			
Features	Fast Cure		
Uses	Molds/Dies/Tools		
	Prototyping		
Appearance	Grey		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.66	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.080	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	46.2	MPa	ASTM D638
Compressive Strength	66.2	MPa	ASTM D695
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: 1.0, Mix Ratio by Volume: 1.0		
Pot Life (25°C)	5.0 to 7.0	min	
Thermoset Mix Viscosity (24°C)	1900	cP	ASTM D2393
Demold Time (25°C)	30 to 45	min	

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## Recommended distributors for this material

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