

BCC Resins BC 8660E

Polyurethane Thermoset Elastomer

BCC Products Inc.

Message:

BC 8660E is a multi-purpose elastomer that can perform many functions. Special product characteristics are: excellent use for molds for casting of concrete and plaster, resists moisture absorption, does not contain MOCA, MDA, TDI or MDI, very easy to use, cures at room temperature.

General Information			
Features	Moisture Resistant		
Appearance	Amber		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.10	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	11.2	MPa	ASTM D638
Tensile Elongation (Break)	700	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	35.0	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 55		
Resin	Mix Ratio by Weight: 100		
Pot Life (25°C)	25	min	
Thermoset Mix Viscosity (25°C)	2500	cP	ASTM D2393
Demold Time (25°C)	480 to 840	min	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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