

BCC Products BC 8660E Urethane Elastomer

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane, Elastomer, Unreinforced , Rubber or Thermoset Elastomer (TSE)

Material Notes:

BC8660E 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 and cures at room temperature. Information provided by BCC Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BCC-Products-BC-8660E-Urethane-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.02 g/cc	1.02 g/cc	hardener
	1.05 g/cc	1.05 g/cc	cured density
	1.07 g/cc	1.07 g/cc	resin
Brookfield Viscosity	2500 cP	2500 cP	
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	58 - 62	58 - 62	
Tensile Strength, Ultimate	11.20 MPa	1625 psi	
Elongation at Break	700 %	700 %	
Tear Strength	35.1 kN/m	200 pli	

Processing Properties	Metric	English	Comments
Cure Time	1440 min	24.0 hour	full cure
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Pot Life	25 min	25 min	work life
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Descriptive Properties	Value	Comments
Mix Ratio	100:55 by weight (resin/hardener)	

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