



POLYTEK® DEVELOPMENT CORP.
BCC PRODUCTS, INC.

Technical Data Sheet BC-8880 Urethane Elastomer

BC-8880 is a two-part urethane gel coat which exhibits excellent handling characteristics and very low moisture sensitivity. Its characteristics include a high modulus and a high hardness. It is a brushable room temperature curing urethane, which finds many general purpose applications such as foundry patterns, cure box liners, and abrasion resistant pads and bumpers. It may also be used as a urethane adhesive.

Working Properties

Mix Ratio:	
Resin Part A	100 parts by Weight
Curative Part B	60 parts by Weight
Viscosity, Centipoise (cps) @ 75°F	
Resin Part A	Thixotropic
Curative Part B	Thixotropic
Gel Time @ 75°F	12 - 15 minutes
Demold Time:	8 - 12 hours at 75°F
Complete Cure:	5 - 7 days

Physical Properties

Color	Red
Hardness, Shore D	60 ± 3
Tensile Strength (psi) ASTM D-412	*
Elongation (%) ASTM D-624	*
Tear Strength (pli) ASTM D-412	*

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