



# Product Datasheet General Casting System



## Physical Properties of BC 8500 series

<b>Property</b>	<b>BC8595</b>	<b>BC8590</b>	<b>BC8585</b>	<b>BC8575</b>	<b>BC8565</b>
Shore A Hardness, ( $\pm 3$ )	95	90	85	75	65
Ultimate Tensile, PSI	1940	1980	1810	1330	1200
Elongation, %	160	360	500	500	530
Tear, Die C, PLI	370	336	240	187	170
Gel Time, Minutes	7 - 10	7 - 10	7 - 10	7 - 10	7 - 10
Mold Temperature	160° F (71° C)	160° F (71° C)			
Post-cure Time @ 150° F Hours	16	16	16	16	16
Post-cure Time @ 190° F Hours	8	8	8	8	8
Mix Ratio by Weight (Polyol:Prepolymer)	100:72	100:60	100:47	100:39	100:35
Color	Black or Neutral (white)	Black or Neutral (white)	Black or Neutral (white)	Black or Neutral (translucent white)	Black or Neutral (translucent white)

**Safety: Read and understand MSDS's before use. Use only in well ventilated areas. Avoid contact with skin. Wear chemical resistant gloves and proper safety equipment. If swallowed, call physician immediately. For eye contact, flush with water for 15 minutes and get medical attention.**

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