

**PRODUCT SERIES:** 6000 SERIES BMC  
**PRODUCT DESCRIPTION:** HIGH STRENGTH UL YELLOW CARD

Properties	6060D	
	Imperial	SI
Glass Fiber Content %	20	20
Specific Gravity Test Method: ASTM D792	1.8 to 1.9	1.8 to 1.9
Water Absorption (24 Hrs %) Test Method: ASTM D-570	0.1 to 0.3%	0.1 to 0.3%
Shrinkage, in./in. Test Method: ASTM D955	0.0 to 0.3%	0.0 to 0.3%
Flexural Strength, psi Test Method: ASTM D-790	18,000 psi	124 MPa
Impact Strength, Izod Notched, ft. lbs./in. Test Method: ASTM D-256	15.0 ft.lb/in.	801 J/m
Tensile Strength, psi Test Method: ASTM D-638	6,500	45 MPa
Flexural Modulus, 10 <sup>6</sup> psi Test Method: ASTM D-790	1,600 ksi	11 GPa
Arc Resistance, Seconds Test Method: ASTM D-495	200 Seconds	200 Seconds
Dielectric Strength, short time, volts/mil Test Method: ASTM D-149	300 volts/mil	11,000 volts/mm
Deflection Temperature <sup>a</sup> , °F/264psi Test Method: ASTM D-648	400+ F	204 C
Flammability, UL 94 Classification, rating/thickness @2.2 mm	V-0	V-0

**The information on this sheet is a guide.** The stated values reflect an average of several tests conducted on CI's goods. These values were obtained under ideal conditions and may not be replicated in any particular test, part, or application. Because the values achieved in actual parts depend considerably on part design, molding conditions, and testing methods, no guarantee is made or implied regarding values to be obtained in any specific test, part, or application. CI makes no warranty or representation as to the suitability of any of its goods for use in any application. CI relies on customer to conduct its own tests and judge for itself the suitability of CI's goods.

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