Jet Moulding Compounds Inc. B7100

PRODUCT DATA SHEET

PRODUCT SERIES: B7100 SERIES BMC
PRODUCT DESCRIPTION: ELECTRICAL GRADE - UL/CSA RECOGNIZED (UL FILE NO. E84051)

PROPERTIES	GLASS CONTENT 10%		GLASS CONTENT 15%		GLASS CONTENT 22%	
	IMPERIAL	SI	IMPERIAL	SI	IMPERIAL	SI
Impact Strength-Izod Notched Test Method: ASTM D-256	7.0 ft.lb./in.	373 J/m	8.0 ft.lb./in.	417 J/m	10.0 ft.lb./in.	533 J/m
Impact Strength-Izod Unnotched Test Method: ASTM D-4812	9.0 ft.lb./in.	480 J/m	10.0 ft.lb./in.	533 J/m	12.0 ft.lb./in.	640 J/m
Flexural Strength Test Method: ASTM D-790	10,000 psi	69 MPa	12,000 psi	83 MPa	16,000 psi	110 MPa
Tensile Strength Test Method: ASTM D-638	4,000 psi	27.6 MPa	5,000 psi	34 MPa	6,000 psi	41 MPa
Compressive Strength Test Method: ASTM D-695	14,000 psi	97 MPa	16,000 psi	110 MPa	18,000 psi	124 MPa
Water Absorption (24 Hrs @ 23C) Test Method: ASTM D-570	.20 - .30%	.20 - .30%	.20 - .30%	.20 - .30%	.20 - .30%	.20 - .30%
Barcol Hardness Test Method: ASTM D-2583	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60
Heat Distortion Temp @ 264 psi Test Method: ASTM D-648	>400 F	>204 C	>400 F	>204 C	>400 F	>204 C
Specific Gravity (+/- .03) Test Method: ASTM D-792	1.9 - 2.0	1.9 - 2.0	1.9 - 2.0	1.9 - 2.0	1.85 - 1.95	1.85 - 1.95
Shrinkage Test Method: ASTM D-955	.001 - .003 in./in.	.001- .003 mm/mm.	.001 - .003 in./in.	.001- .003 mm/mm.	.001 - .003 in./in.	.001- .003 mm/mm.
Flammability @ 1.47 mm thick Test Method: UL 94 V0	UL 94 V0	UL 94 V0	UL 94 V0	UL 94 V0	UL 94 V0	UL 94 V0
Ignition Temperature Test Method: UL Method	968 F	520 C	968 F	520 C	968 F	520 C
Oxygen Index Test Method: ASTM D-2863	46.0-50.0	46.0-50.0	46.0-50.0	46.0-50.0	46.0-50.0	46.0-50.0
Arc Resistance Test Method: ASTM D-495	300+	300+	300+	300+	300+	300+
Track Resistance Test Method: Incline Plane	1050+	1050+	1050+	1050+	1050+	1050+
Dielectric Strength (S.T., Perp, VPM) Test Method: ASTM D-149	550	550	550	550	550	550
Comparative Tracking Index (V) Test Method: ASTM D-3638	600+	600+	600+	600+	600+	600+

Revised June 30, 2003