



PRODUCT DATA SHEET

PRODUCT SERIES: B3000 **SERIES BMC**
PRODUCT DESCRIPTION: LOW PROFILE AUTOMOTIVE GRADE

PROPERTIES	GLASS CONTENT 20%		GLASS CONTENT 25%		GLASS CONTENT 30%	
	IMPERIAL	SI	IMPERIAL	SI	IMPERIAL	SI
Impact Strength-Izod Notched Test Method: ASTM D-256	4.0 ft.lb./in.	213 J/m	6.0 ft.lb./in.	320 J/m	8.0 ft.lb./in.	427 J/m
Impact Strength-Izod Unnotched Test Method: ASTM D-4812	8.0 ft.lb./in.	427 J/m	10.0 ft.lb./in.	534 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	14,000 psi	96 MPa
Tensile Strength Test Method: ASTM D-638	6,000 psi	41 MPa	7,000 psi	48 MPa	8,000 psi	55 MPa
Compressive Strength Test Method: ASTM D-695	18,000 psi	124 MPa	19,000 psi	131 MPa	21,000 psi	145 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 - 1.95	1.9 - 1.95	1.85 - 1.90	1.85 -1.90
Shrinkage Test Method: ASTM D-955	0 - .1%	0 - .1%	0 - .1%	0 - .1%	0 - .1%	0 - .1%
Flammability (Average Burn Rate) Test Method: ASTM D-635	0.67 in./min.	1.70 cm/min.	0.67 in./min.	1.70 cm/min.	0.67 in./min.	1.70 cm/min.

The information contained herein and in the data sheets is offered as a guide only. Since the values achieved in actual parts depend considerably on the part design and on the conditions of moulding and testing, no guarantee is implied regarding properties to be obtained in specific tests; the user is urged to make his own tests and judge for himself the suitability of the material for his use. Jet Moulding Compounds assumes no liability, either expressed or implied, for infringement of any patent by the manufacture, sale or use of articles moulded from its material.