



PRODUCT DATA SHEET

PRODUCT SERIES: S31 SERIES SMC
PRODUCT DESCRIPTION: CLASS "A" GRADE

PROPERTIES	GLASS CONTENT 26%	
	IMPERIAL	SI
Impact Strength-Izod Unnotched Test Method: ASTM D-4812	20.3 ft.lb./in.	1085 J/m
Flexural Strength Test Method: ASTM D-790	24,047 psi	165.8 MPa
Flexural Modulus 0.5 mm deflection 2.5 mm deflection Test Method: ASTM D-790	1.502 E06 psi 1.071 E06 psi	10,356 MPa 7,387 MPa
Tensile Strength Test Method: ASTM D-638	10,095 psi	69.6 MPa
Tensile Modulus Test Method: ASTM D-638	2.028 E06 psi	13,980 MPa
Water Absorption (24 Hrs @ 23C) Test Method: ASTM D-570	0.393%	0.393%
Barcol Hardness Test Method: ASTM D-2583	50.5	50.5
Specific Gravity (+/- .03) Test Method: ASTM D-792	1.84	1.84
Shrinkage Test Method: ASTM D-955	0.00026	0.00026
Smoothness Index Test Method: GM931AP	77	77

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.