



PRODUCT DATA SHEET

PRODUCT SERIES: S30 SERIES SMC
PRODUCT DESCRIPTION: LOW DENSITY AUTOMOTIVE GRADE

PROPERTIES	GLASS: 35% SPECIFIC GRAVITY: 1.55		GLASS: 36%-40% SPECIFIC GRAVITY: 1.3		GLASS: 36%-40% SPECIFIC GRAVITY: 1.0	
	IMPERIAL	SI	IMPERIAL	SI	IMPERIAL	SI
Impact Strength-Izod Notched Test Method: ASTM D-256	10.0 ft.lb./in.	533 J/m	10.5 ft.lb./in.	560 J/m	7.0 ft.lb./in.	373 J/m
Impact Strength-Izod Unnotched Test Method: ASTM D-4812	13.5 ft.lb./in.	720 J/m	14.0 ft.lb./in.	745 J/m	10.9 ft.lb./in.	582 J/m
Flexural Strength Test Method: ASTM D-790	22,500 psi	155 MPa	19,451 psi	134 MPa	14,980 psi	103.2 MPa
Flexural Modulus @ +22EC0.5 mm deflection 2.5 mm deflection Test Method: ASTM D-790	1.28 E06 psi 1.23 E06 psi	8807 MPa 8492 MPa	1.00 E06 psi 1.03 E06 psi	7573 MPa 7078 MPa	0.81 E06 psi 0.71 E06 psi	5573 MPa 4904 MPa
Tensile Strength Test Method: ASTM D-638	10,000 psi	69 MPa	8710 psi	60 MPa	7319 psi	50.2 MPa
Water Absorption (24 Hrs @ 23C) Test Method: ASTM D-570	.30 - 0.5	.30 - 0.5	.30 - 0.5	.30 - 0.5	.30 - 0.5	.30 - 0.5
Heat Distortion Temp @ 264 psi Test Method: ASTM D-648	>400 F	>204 C	>400 F	>204 C	>400 F	>204 C

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.