



PRODUCT DATA SHEET

PRODUCT SERIES: S42 SERIES SMC
PRODUCT DESCRIPTION: LOW PRESSURE, LOW DENSITY, LOW SMOKE

PROPERTIES	GLASS CONTENT 30%	
	IMPERIAL	SI
Impact Strength -Izod Unnotched ASTM D-4812	19.5 ft.lb/in.	1050 J/m
Flexural Strength ASTM D-790	21,000 psi	145 MPa
Flexural Modulus ASTM D-790	1.088 E06 psi	7,500 MPa
Tensile Strength ASTM D-638	10,000 psi	69 MPa
Tensile Modulus ASTM D-638	1.755 E06 psi	12,100 MPa
Compressive Strength ASTM D-695	19,600psi	135 MPa
Water Absorption (24 Hrs @ 23C) ASTM D-570	0.300%	0.300%
Barcol Hardness ASTM D-2583	45 - 55	45 - 55
Heat Distortion Temp @ 264 psi ASTM D-648	>400° F	>204° C
Specific Gravity (∇ 0.03) ASTM D-792	1.61	1.61
Shrinkage ISO 2577	.120%	.120%
Flame Spread Index ASTM E162	25	25
Specific Optical Density @1.5 min ASTM E662	0 Non Flaming	1 Flaming
Specific Optical Density @ 4 min ASTM E662	10 Non Flaming	25 Flaming

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.