



## PRODUCT DATA SHEET

**PRODUCT SERIES:** S51 SERIES SMC  
**PRODUCT DESCRIPTION:** UV STABLE (Gen II) , Low Flame, Low Smoke

PROPERTIES	GLASS CONTENT 25%	
	IMPERIAL	SI
Impact Strength -Izod Unnotched ASTM D-4812	31.7 ft.lb/in.	1692 J/m
Flexural Strength ASTM D-790	31,300 psi	215.8 MPa
Flexural Modulus ASTM D-790	15.2 E05 psi	1048.27 MPa
Tensile Strength ASTM D-638	12,800 psi	88.28 MPa
Tensile Modulus ASTM D-638	2.21 E06 psi	15.2GPa
Compressive Strength ASTM D-695	23,100 psi	159.31 MPa
Water Absorption (24 Hrs @ 23C) ASTM D-570	.123%	.123%
Barcol Hardness ASTM D-2583	50 - 55	50 - 55
Heat Distortion Temp @ 264 psi ASTM D-648	>400° F	>204° C
Specific Gravity (∇ 0.03) ASTM D-792	1.77	1.77
Shrinkage ISO 2577	.072%	.072%
Flame Spread Index ASTM E84-08	15	15
Smoke Development Index ASTM E84-08	300	300
Weathering Xenon Arc	Avail on request	Avail on request

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.