

PRODUCT SERIES

Z5660 SMC

UL FILE E43298

PRODUCT DESCRIPTION

UL RECOGNIZED NON HALOGENATED MATERIAL

	ASTM Method	Glass 15%	Glass 20%	Glass 25%	Glass 30%
Properties					
Impact Strength-Izod - Unnotched ft.lb./in.	D-4812	10.0	12.0	14.0	16.0
Impact Strength-Izod - Notched ft.lb./in.	D-256	8.0	10.0	12.0	14.0
Flexural Strength, psi	D-790	15,000	20,000	23,000	26,000
Flexural Modulus, psi	D-790	2.2 E06	2.2 E06	2.0 E06	1.85 E06
Tensile Strength, psi	D-638	7,000	8,500	10,000	11,000
Tensile Modulus, psi	D-638	1.7 E06	2.0 E06	2.2 E06	2.2 E06
Compressive Strength, psi	D-695	18,000	22,000	25,000	27,000
Water Absorption (24 Hrs @ 23°C)	D-570	0.1 - 0.3%	0.1 - 0.3%	0.1 - 0.3%	0.1 - 0.3%
Barcol Hardness	D-2583	25 - 60	25 - 60	25 - 60	25 - 60
Specific Gravity (+/- 0.03)	D-792	1.8 - 2.0	1.8 - 2.0	1.7 - 2.0	1.7 - 2.0
Shrinkage, in/in	D-955	0.0005 - 0.004	0.0005 - 0.004	0.0005 - 0.004	0.0005 - 0.004
Flammability @ 1.5 mm	UL 94V0/5VA	Pass	Pass	Pass	Pass
Arc Resistance, sec	D-495	180+	180+	180+	180+
Dielectric Strength, v/mil	D-149	350+	350+	350+	350+
Heat Distortion Temp at 264 psi, °F	D-648	>500	>500	>500	>500

All Properties values are based test performed on test specimens. This information is provided as a Guide only.

No other warranty is implied.