

**SILICON SHEET
PHYSICAL PROPERTIES**

COMPOUND

POLYMER ASTM METHOD	SILICON DESCRIPTION	TYPICAL VALUE	UNITS
D2240	HARDNESS	53	SHORE"A"DUROMETER
D412	100%MODULUS		PSI
D412	300%MODULUS		PSI
D412	TENSILE	1143	PSI
D412	ELONGATION	540	%
D624	TEAR	200	Lbs/in
D1630	NBS ABRASION		%
D2137	COLD TEMPERATURE		SH
D1171	OZONE RESISTANCE	HOURS @ 50	PPHM RATING
D257	VOLUME RESISTIVITY		Ohm-cm
D395B	COMPRESSION SET	22HOURS	@ 70°C 3%
D2084	CURED@151°C T2		min.
	CURED@151°C T95		min.
D1646	MOONEY SCORCH135SH		min.T5
D1646	VISCOSITY 100°C		ML4
D573	HEAT AGING	72 HOURS	@ 200°C
	CHANGED-HARDNESS	2	POINTS
	CHANGED-TENSILE	-5	%
	CHANGED-ELONGATION	-10	%
	VOLUME RESISTIVITY		$8 \times 10^{14} \Omega \cdot \text{cm}$
	DIELECTRIC STRENGTH		20KV / MM