

PHYSICAL PROPERTIES

Fiberglass Type E		Silicone Rubber	
Breaking Tenacity	1.71 gf/TEX Std and Wet	Durometer, Shore A - Initial	35
Tensile Strength	450,000-500,000 psi	- Aged 240hrs @ 200°C	45
Breaking Elongation	4.81% Std and Wet	Tensile Strength (psi) - Initial	875
Elastic Recovery	100%	- Aged 240hrs @ 200°C	800
Average Stiffness	2824.3 cn/TEX	Elongation % - Initial	500
Effect of Heat	Will not burn Retains 75% tensile at 343°C Softens at 732-877°C Melts at 1121-1182°C	- Aged 240hrs @ 200°C	200
		Flammability, UL94	V-1
		Dielectric Strength (volts/mil)	485
Effects of Acids and Alkalis	Resistance to acids is fair Good resistance to most alkalis		