

## Non-Fray Sleeving - Additional Properties

**Average properties of bulk E Glass, as reported in Owens-Corning Publication No. 5-TEX-18027 considered to be applicable to bare glass filaments.**

<b>Electrical</b>	<b>Results</b>	
Dielectric Strength	Provides only space factor electrical insulation of approximately 1100 volts for standard wall and 1500 volts for 1/32" wall.	
Volume Resistivity @ 22°C and 500 volts dc, ohm-cm	$10^{15} - 10^{16}$	
Dielectric Constant @ 22°C, 60 Hz	6.5 – 6.8	
Dissipation Factor @ 22°C, 1 MHz	0.001 – 0.005	
<b>Thermal Properties</b>		
Thermal Endurance	Up to 316°C indefinitely; up to 616°C for shorter periods.	
Cold Bend	- 10°C per UL 1441	
Flame Resistance	Passes UL 1441 (VW-1). Will not burn.	
<b>Physical Properties</b>		
Specific Gravity, g/cu. cm.	2.55 – 2.58	
Tensile Strength, psi @ 22°C	500,000 – 550,000	
Elongation at Break, percent	4.5 – 4.9	
Water Absorbency @22°C, 65% R.H.	None	
<b>Chemical Resistance</b>		
Resistance to Mildew, Aging and Sunlight	Excellent resistance to sunlight and aging. Not attacked by mildew.	
Effect of Bleaches and Solvents	Unaffected	
Resistance to Acids & Alkalis	Good resistance to most alkalis. Resistance to acids is fair.	
Information is precise and reliable. However each end-use should be evaluated to satisfy its unique requirements.		