

PHYSICAL PROPERTIES

Fiber Type	E Glass
Breaking Tenacity	1.71 gf/TEX. Std. /1.71 gf/TEX Wet
Tensile Strength	450,000-500,000 psi.
Breaking Elongation	4.81% Std./4.81% Wet
Elastic Recovery	100%
Average Stiffness	2824.3 cn/TEX
Specific Gravity	2.54-2.69
Effect of Heat	Will not burn Retains 75% tensile at 343°C Softens at 732-877°C Melts at 1121-1182°C
Effect of Acids and Alkalis	Resistance to acids is fair. Good resistance to most alkalis.
Effect of bleaches and solvents	Unaffected