

Mechanical	Imperial	Metric
Ultimate Tensile Strength	8000 psi	55 MPa
Ultimate Tensile Elongation	3%	3%
Tensile Modulus	300 ksi	2100 MPa
Flexural Strength	15900 psi	110 MPa
Flexural Modulus	320 ksi	2200 MPa
Izod Impact, Notched	1.1 ft-lb/in	58.7 J/m
Izod Impact, Un-notched	3.1 ft-lb/in	165.5 J/m
Thermal	Imperial	Metric
Heat Deflection Temperature @ 264 psi	372°F	189°C
Coefficient of Thermal Expansion	3.1E-5 /°F	5.5E-5 /°C
Glass Transition Temperature	446°F	230°C
Melting Point	n/a	n/a
Electrical		
Volume Resistivity	1.5E14 - 5E13 ohm-cm	
Dielectric Constant	3.2 - 3.0	
Dissipation Factor	0.0015 - 0.0011	
Dielectric Strength, XZ	290 - 80 V/mil	
Environmental	24 Hours Exposure	
	23°C	100°C
Antifreeze (Prestone), 50%	Passed	Passed
Unleaded Gasoline	Passed	Not tested
Motor Oil 10W-40	Passed	Passed
Power Steering Fluid	Passed	Passed
Transmission Fluid	Passed	Passed
Windshield Washer Fluid, 50%	Passed	Not tested
Other		
Specific Gravity	1.28	
Flame Classification	V-0	
Rockwell Hardness	M86	
UL File Number	E345258	