

TECHNICAL DATA

PROPERTY	TEST METHOD	TYPICAL PERFORMANCE
PHYSICAL		
Tensile Strength	ASTM D2671, ISO 37	2,200 psi (15.0 MPa)
Elongation	ASTM D2671, ISO 37	400%
Longitudinal Change	ASTM D2671	+1/-15%
2% Secant Modulus	ASTM D2671	16,000 psi (110 MPa)
Specific Gravity	ASTM D792, ISO R1183	1.1
Heat Resistant Properties (168 hr at 175°C)	SAE-AMS-DTL-23053/4	No Cracking or Flowing of Outer Wall
Heat Shock (4 hr at 250°C)	ASTM D2671	No Cracking or Flowing of Outer Wall
Low Temperature Flexibility (4 hr at -55°C)	ASTM D2671	No Cracking
Flammability	ASTM D2671	Flame Retardant Outer Wall (except Clear)
ELECTRICAL		
Dielectric Strength	ASTM D2671	600 V/mil (24 kV/mm)
Volume Resistivity	ASTM D2671	10 ¹⁶ ohm-cm
CHEMICAL		
Fluid Resistance	SAE-AMS-DTL-23053/4, ISO 1817, ISO 37	Good to Excellent
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570	0.2%
Fungus Resistance	ASTM G21	No Growth