

Mechanical properties	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	64.1 / 30.9	MPa	ASTM D 638
Elongation at Yield	4.6 / 34	%	ASTM D 638
Elongation at Break	180 / 360	%	ASTM D 638
Flexural Modulus	2006 / 570.9	MPa	ASTM D 790
Rockwell Hardness	R 116 / R 80	-	ASTM D 785
Izod Impact notched, 1/8 in	48 / 1230	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	42.7 / 37.4	J/m	ASTM D 256
Temperature	-40	°C	-

Electrical properties	dry / cond	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	14.9 / 9.25	kV/mm	ASTM D 149
Volume Resistivity	2.19E14 / 3.63E10	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1150	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	wire/cable	-	-
Pre-drying - Temperature	70	°C	-
Processing humidity	≤0.12	%	-
Melt temperature	260 - 270	°C	-
Zone 1	249 - 266	°C	-
Nozzle temperature	260 - 266	°C	-

Characteristics

Processing

Wire/Cable Extrusion

Special Characteristics

Heat stabilized or stable to heat

Chemical Resistance

Oil Resistance

Applications

Electrical and Electronical

Regional Availability

North America