

Product Texts

Vulcanizable polyethylene

Property values: Cure times were 15 minutes at 175°C.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Shore D Hardness	48	-	ASTM D 2240
Tensile Strength at Break	17.9	MPa	ASTM D 412
Elongation at Break	430	%	ASTM D 412

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	15	kV/mm	ASTM D 149
Dielectric Strength, Step-by-Step	14	kV/mm	ASTM D 149
Dissipation Factor, 60 Hz	0.006	-	ASTM D 150
Dielectric Constant, 60 Hz	5	-	ASTM D 150
Volume Resistivity	1E14	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1070	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	116 - 135	°C	-
Feed temperature	66	°C	-

Characteristics

Processing

Wire/Cable Extrusion

Delivery form

Powder

Features

Crosslinkable, Copolymer

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa