

Product Texts

Silane cross-linkable high flexible compound suitable for cable insulation.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	2.2	g/10min	ISO 1133
Temperature	190	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Shore D hardness	48	-	ISO 7619-1
Other Standards^{S1}			
Stress at break	21.5	MPa	EN 60811-501
Strain at break	700	%	EN 60811-501

S: These properties are reported by the producer according standards that are different to our defaults.

Electrical properties	Value	Unit	Test Standard
Other Standards^{S1}			
Volume resistivity	4E13 ¹¹	Ohm*m	IEC 60502-1

1: 20 °C, 500 V S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	914	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	wire/cable	-	-
Feed temperature	15 - 40	°C	-
Zone 1	145 - 155	°C	-
Zone 2	150 - 160	°C	-
Zone 3	170 - 180	°C	-
Zone 4	170 - 180	°C	-
Nozzle temperature	200 - 220	°C	-

Characteristics**Processing**

Wire/Cable Extrusion

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Features

Crosslinkable

Applications

Building Construction, Electrical and Electronical

Regional Availability

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