

Product Texts

Silane cross-linkable low-density compound suitable for cable insulation.

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|--------------|-------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 0.9 | g/10min | ISO 1133 |
| Temperature | 190 | °C | - |
| Load | 5 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------------|--------------|-------------|----------------------|
| ISO Data | | | |
| Shore D hardness | 62 | - | ISO 7619-1 |
| Other Standards^{S1} | | | |
| Stress at break | 21 | 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.

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 946 | kg/m ³ | ISO 1183 |
| Moisture Content | 0.05 | % | - |
| Bulk density | 580 | kg/m ³ | - |

| Processing Recommendation Extrusion | Value | Unit | Test Standard |
|--|-------------------|-------------|----------------------|
| Type of extrusion | wire/cable | - | - |
| Feed temperature | 15 - 40 | °C | - |
| Zone 1 | 135 - 155 | °C | - |
| Zone 2 | 140 - 160 | °C | - |
| Zone 3 | 160 - 180 | °C | - |
| Zone 4 | 160 - 180 | °C | - |
| Nozzle temperature | 200 - 220 | °C | - |

Characteristics

Processing

Wire/Cable Extrusion

Features

Crosslinkable, Thermal Stability

Chemical Resistance

Oil Resistance, Ozone Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

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