

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	26.8	MPa	ISO 37
Strain at break	794	%	ISO 37
Compression set at 70 °C, 24h	45^[1]	%	ISO 815
Tear strength	39	kN/m	ISO 34-1
Abrasion resistance	69	mm ³	ISO 4649
Shore A hardness	70	-	ISO 7619-1
Other Standards^[5]			
Stress at 100% elongation	2.9	MPa	DIN 53504
Stress at 300% elongation	5.5	MPa	DIN 53504

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

Other properties	Value	Unit	Test Standard
Density	1060	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<80	°C	-
Melt temperature	190 - 210	°C	-
Mold temperature	20 - 40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	<80	°C	-
Melt temperature	175 - 210	°C	-

Characteristics

Processing

Injection Molding, Film Extrusion, Other Extrusion

Special Characteristics

U.V. stabilized or stable to weather

Features

Fungus Resistance

Chemical Resistance

Hydrolytically Stable

Applications

Sports Equipment

Regional Availability

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