

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Flexural modulus, 23°C	1040	MPa	ISO 178
Tensile Strength	53	MPa	ISO 37
Strain at break	342	%	ISO 37
Compression set at 70 °C, 24h	61	%	ISO 815
Tear strength	203	kN/m	ISO 34-1
Abrasion resistance	56	mm ³	ISO 4649
Shore D hardness	71	-	ISO 7619-1
Other Standards^[5]			
Stress at 10% elongation	34	MPa	DIN 53504
Stress at 100% elongation	35	MPa	DIN 53504
Stress at 300% elongation	47	MPa	DIN 53504

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

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	188	°C	ISO 306
Vicat softening temperature, B	103	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Melt temperature	225 - 235	°C	-
Mold temperature	40 - 60	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Special Characteristics

High impact or impact modified

Features

Fungus Resistance

Chemical Resistance

Hydrolytically Stable

Applications

Sports Equipment

Regional Availability

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