

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	33	MPa	ISO 37
Strain at break	400	%	ISO 37
Compression set at 23 °C, 24h	20	%	ISO 815
Tear strength	130	kN/m	ISO 34-1
Abrasion resistance	35	mm ³	ISO 4649
Shore A hardness	95	-	ISO 7619-1
Shore D hardness	50	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2	h	-
Mold temperature	25 - 50	°C	-
Feed temperature	25 - 35	°C	-
Zone 1	185 - 195	°C	-
Zone 2	190 - 200	°C	-
Zone 3	195 - 205	°C	-
Nozzle temperature	180 - 190	°C	-
Screw speed	20 - 80	rpm	-
Injection pressure	2 - 10	MPa	-
Back pressure	0.03 - 0.3	MPa	-
Holding pressure	1 - 5	MPa	-

Characteristics

Processing

Injection Molding

Special Characteristics

U.V. stabilized or stable to weather

Features

Scratch Resistant

Applications

Sports Equipment

Regional Availability

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