

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	43	MPa	ISO 37
Strain at break	300	%	ISO 37
Compression set at 23 °C, 24h	25	%	ISO 815
Tear strength	224	kN/m	ISO 34-1
Abrasion resistance	40	mm ³	ISO 4649
Shore D hardness	65	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	1260	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	190 - 210	°C	-
Zone 2	195 - 215	°C	-
Zone 3	200 - 220	°C	-
Nozzle temperature	195 - 210	°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