

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	11	MPa	ISO 527
Stress at 50% strain	3.2	MPa	ISO 527
Stress at 100% elongation	4.4	MPa	ISO 527
Stress at 300% elongation	7.8	MPa	ISO 527
Stress at break TPE	29	MPa	ISO 527
Strain at break TPE	720	%	ISO 527
Compression set at 70 °C, 24h	40	%	ISO 815
Tear strength	50 ⁽¹⁾	kN/m	ISO 34-1
Abrasion resistance	30	mm ³	ISO 4649
Shore A hardness	78	-	ISO 7619-1

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Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	76	°C	ISO 306

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	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.05	%	-
Feed temperature	40	°C	-
Zone 1	195 - 205	°C	-
Zone 2	195 - 205	°C	-
Zone 3	200 - 210	°C	-
Zone 4	205 - 215	°C	-
Nozzle temperature	200 - 210	°C	-

Characteristics

Processing

Injection Molding, Pipe/Tube Extrusion, Wire/Cable Extrusion, Other Extrusion

Regional Availability

North America, Europe, Asia Pacific

Delivery form

Natural Color