

Product Texts

Polyether copolymer-based TPU.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	35	MPa	ISO 527
Stress at 50% strain	10	MPa	ISO 527
Stress at 100% elongation	11	MPa	ISO 527
Stress at 300% elongation	19	MPa	ISO 527
Strain at break TPE	545	%	ISO 527
Tear strength	145	kN/m	ISO 34-1
Abrasion resistance	25	mm ³	ISO 4649
Shore A hardness	95	-	ISO 7619-1
Shore D hardness	45	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	119	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1100	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	3 - 4	h	-
Zone 1	200	°C	-
Zone 2	230	°C	-
Zone 3	230	°C	-
Zone 4	220	°C	-
Nozzle temperature	195	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

North America, Europe

Features

Copolymer