

Product Texts

Polycaprolactone copolyester-based TPU.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	40	MPa	ISO 527
Stress at 50% strain	7	MPa	ISO 527
Stress at 100% elongation	9	MPa	ISO 527
Stress at 300% elongation	17	MPa	ISO 527
Strain at break TPE	500	%	ISO 527
Tear strength	120	kN/m	ISO 34-1
Abrasion resistance	25	mm ³	ISO 4649
Shore A hardness	93	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	102	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1160	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	3 - 4	h	-
Feed temperature	40	°C	-
Zone 1	195	°C	-
Zone 2	200	°C	-
Zone 3	210	°C	-
Zone 4	210	°C	-
Nozzle temperature	210	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe

Features

Copolymer