

Product Texts

Polycaprolactone copolyester-based TPU.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	42	MPa	ISO 527
Stress at 50% strain	8	MPa	ISO 527
Stress at 100% elongation	10	MPa	ISO 527
Stress at 300% elongation	21	MPa	ISO 527
Strain at break TPE	560	%	ISO 527
Tear strength	130	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	98	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1170	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	3	h	-
Zone 1	190 - 200	°C	-
Zone 2	195 - 210	°C	-
Zone 3	200 - 215	°C	-
Zone 4	200 - 220	°C	-
Nozzle temperature	190 - 210	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Regional Availability

North America, Europe

Features

Copolymer