

Product Texts

Polycaprolactone copolyester-based Aliphatic TPU

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	34	MPa	ISO 527
Stress at 100% elongation	6	MPa	ISO 527
Stress at 300% elongation	9	MPa	ISO 527
Strain at break TPE	700	%	ISO 527
Tear strength	110	kN/m	ISO 34-1
Abrasion resistance	20	mm ³	ISO 4649
Shore A hardness	88	-	ISO 7619-1

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze	25	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	2	h	-
Mold temperature	35	°C	-
Feed temperature	170	°C	-
Zone 1	175	°C	-
Zone 2	180	°C	-
Nozzle temperature	185	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

U.V. stabilized or stable to weather, Translucent

Features

Color Stability

Regional Availability

North America, Europe