

Product Texts

Aromatic polycaprolactone copolyester-based TPU.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	40	MPa	ISO 527
Stress at 100% elongation	16	MPa	ISO 527
Stress at 300% elongation	29	MPa	ISO 527
Strain at break TPE	470	%	ISO 527
Tear strength	175	kN/m	ISO 34-1
Abrasion resistance	25	mm ³	ISO 4649
Shore A hardness	98	-	ISO 7619-1
Shore D hardness	52	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	116	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1180	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	210	°C	-
Zone 3	215	°C	-
Zone 4	220	°C	-
Nozzle temperature	220	°C	-

Characteristics

Processing
Injection Molding, Other Extrusion

Regional Availability
North America, Europe

Features
Copolymer