

Pearlthane® 11T60D

TPU

Lubrizol Advanced Materials Spain S.L.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	40	MPa	ISO 527
Stress at 100% elongation	15	MPa	ISO 527
Stress at 300% elongation	28	MPa	ISO 527
Strain at break TPE	>300	%	ISO 527
Tear strength	170	kN/m	ISO 34-1
Abrasion resistance	25	mm ³	ISO 4649
Shore D hardness	58	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	137	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1190	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	3	h	-
Feed temperature	40	°C	-
Zone 1	210	°C	-
Zone 2	215	°C	-
Zone 3	225	°C	-
Zone 4	225	°C	-
Nozzle temperature	220	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe

Features

Copolymer