

Pearlbond™ 1160L

TPU

Lubrizol Advanced Materials Spain S.L.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	40	g/10min	ISO 1133
Temperature	170	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	25	MPa	ISO 527
Stress at 100% elongation	5	MPa	ISO 527
Stress at 300% elongation	5	MPa	ISO 527
Strain at break TPE	763	%	ISO 527
Shore A hardness	90	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	film	-	-
Pre-drying - Temperature	40	°C	-
Pre-drying - Time	3 - 6	h	-
Zone 1	145 - 155	°C	-
Zone 2	165 - 175	°C	-
Zone 3	185 - 195	°C	-
Zone 4	165 - 175	°C	-
Nozzle temperature	145 - 155	°C	-

Characteristics**Processing**

Film Extrusion, Blow Molding

Delivery form

Pellets, White

Special Characteristics

Heat stabilized or stable to heat

Features

Good Adhesion, Heat Sealable, High Crystallinity

Regional Availability

North America, Europe