

Estane® 58863 TPU

TPU

Lubrizol Advanced Materials Spain S.L.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	40.95	MPa	ASTM D 790
Modulus at 100% Elongation	6.89	MPa	ASTM D 412
Modulus at 300% Elongation	3.67	MPa	ASTM D 412
Shore A Hardness	85	-	ASTM D 2240
Tear Strength	66.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	20	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	66	%	ASTM D 395

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Glass Transition Temperature	-50	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ASTM D 792

Characteristics**Processing**

Wire/Cable Extrusion, Other Extrusion

Chemical Resistance

General Chemical Resistance, Oil Resistance

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific