

Estane® 58810 TPU

TPU

Lubrizol Advanced Materials Spain S.L.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Flexural Modulus	37.71	MPa	ASTM D 790
Modulus at 100% Elongation	8.96	MPa	ASTM D 412
Modulus at 300% Elongation	5.74	MPa	ASTM D 412
Shore A Hardness	90	-	ASTM D 2240
Tear Strength	59.5	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	25	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	60	%	ASTM D 395

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Glass Transition Temperature	-43.9	°C	ASTM E 1356

Other properties	Value	Unit	Test Standard
Density	1130	kg/m ³	ASTM D 792

Characteristics**Processing**

Pipe/Tube Extrusion, Wire/Cable Extrusion

Chemical Resistance

General Chemical Resistance, Oil Resistance

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Heat stabilized or stable to heat