

Estane® 58252 TPU

TPU

Lubrizol Advanced Materials Spain S.L.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	19.3	MPa	ASTM D 638
Elongation at Break	800	%	ASTM D 638
Modulus at 100% Elongation	2.83	MPa	ASTM D 412
Modulus at 300% Elongation	4.69	MPa	ASTM D 412
Shore A Hardness	70	-	ASTM D 2240
Shore D Hardness	22	-	ASTM D 2240
Tear Strength	47.3	kN/m	ASTM D 624
Taber Abrasion Resistance	140	mg/1000 cycles	ASTM D 1044

Thermal properties	Value	Unit	Test Standard
ASTM Data			
Melting Temperature	130	°C	ASTM D 3418
Glass Transition Temperature	-27.8	°C	ASTM E 1356
Vicat Temperature	47.2	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Characteristics**Processing**

Film Extrusion, Coating

Regional Availability

North America, Europe, Asia Pacific