

Estane® GP 85AE TPU

TPU

Lubrizol Advanced Materials Spain S.L.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	15	MPa	ISO 527
Stress at 100% elongation	6	MPa	ISO 527
Stress at 300% elongation	10.5	MPa	ISO 527
Stress at break TPE	38	MPa	ISO 527
Strain at break TPE	>300	%	ISO 527
Compression set at 23 °C, 24h	24	%	ISO 815
Compression set at 70 °C, 24h	38	%	ISO 815
Tear strength	100	kN/m	ISO 34-1
Abrasion resistance	30	mm ³	ISO 4649
Shore A hardness	85	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	105	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1230	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Delivery form

Pellets