

Pearlstick™ 5707 F1

TPU

Lubrizol Advanced Materials Spain S.L.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	37	MPa	ISO 527
Stress at 50% strain	5	MPa	ISO 527
Stress at 100% elongation	5	MPa	ISO 527
Stress at 300% elongation	8	MPa	ISO 527
Strain at break TPE	625	%	ISO 527
Tear strength	70	kN/m	ISO 34-1
Shore A hardness	86	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	138	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ISO 1183

Characteristics**Processing**

Coating

Regional Availability

North America, Europe, Asia Pacific