

Pearlcoat® 163K

TPU

Lubrizol Advanced Materials Spain S.L.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	30	MPa	ISO 527
Stress at 50% strain	5	MPa	ISO 527
Stress at 100% elongation	6	MPa	ISO 527
Stress at 300% elongation	10	MPa	ISO 527
Strain at break TPE	440	%	ISO 527
Tear strength	75	kN/m	ISO 34-1
Abrasion resistance	25	mm ³	ISO 4649
Shore A hardness	85	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	68	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ISO 1183

Characteristics**Processing**

Coating

Regional Availability

North America, Europe