

Pearlcoat® Activa D198K

TPU

Lubrizol Advanced Materials Spain S.L.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	25	MPa	ISO 527
Stress at 50% strain	4	MPa	ISO 527
Stress at 100% elongation	6	MPa	ISO 527
Stress at 300% elongation	13	MPa	ISO 527
Strain at break TPE	455	%	ISO 527
Tear strength	55	kN/m	ISO 34-1
Abrasion resistance	30	mm ³	ISO 4649
Shore A hardness	70	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	46	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1100	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	3	h	-
Zone 1	185 - 205	°C	-
Zone 2	190 - 210	°C	-
Zone 3	195 - 215	°C	-
Zone 4	190 - 210	°C	-
Nozzle temperature	185 - 205	°C	-

Characteristics**Processing**

Other Extrusion

Regional Availability

North America, Europe