

Pearlcoat® Activa D118K

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	2	MPa	ISO 527
Stress at 100% elongation	3	MPa	ISO 527
Stress at 300% elongation	6	MPa	ISO 527
Strain at break TPE	615	%	ISO 527
Tear strength	45⁽¹⁾	kN/m	ISO 34-1
Abrasion resistance	30	mm ³	ISO 4649
Shore A hardness	70	-	ISO 7619-1

1: Unnicked

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, A	53	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	3 - 4	h	-
Zone 1	175	°C	-
Zone 2	180	°C	-
Zone 3	185	°C	-
Zone 4	175	°C	-
Nozzle temperature	175	°C	-

Characteristics**Processing**

Other Extrusion

Regional Availability

North America, Europe

Features

Copolymer