

Desmopan 6052D

TPU

Covestro Deutschland AG

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	33	MPa	ISO 527
Stress at 100% elongation	13	MPa	ISO 527
Stress at 300% elongation	20	MPa	ISO 527
Strain at break TPE	528	%	ISO 527
Compression set at 70 °C, 24h	33 ⁽¹⁾	%	ISO 815
Shore A hardness	95	-	ISO 7619-1
Shore D hardness	50	-	ISO 7619-1

1: Method A

Other properties	Value	Unit	Test Standard
Density	1130	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 110	°C	-
Melt temperature	210 - 230	°C	-
Mold temperature	20 - 70	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa