



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 under constant strain, 70 °C	33	%	ISO 815
Shore Hardness A (15s)	95	-	ISO 868
Shore Hardness D (15s)	50	-	ISO 868

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1130	kg/m³	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