



Desmopan 9385A DPS144
TPU

Covestro Deutschland AG

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tear strength	130	kN/m	ISO 34-1
Abrasion resistance	40	mm ³	ISO 4649
Shore Hardness A (15s)	87	-	ISO 868
Tensile Strength	52	MPa	DIN 53504
Stress at 100% Elongation	6.8	MPa	DIN 53504
Stress at 300% Elongation	17	MPa	DIN 53504
Strain at Break TPE	500	%	DIN 53504

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1110	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	≤100	°C	-
Melt temperature	185 - 205	°C	-
Mold temperature	20 - 40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	≤100	°C	-
Melt temperature	175 - 205	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Chemical Resistance

Hydrolysis

Features

Fungus Resistance