



Desmopan 9395AU DPS650
TPU

Covestro Deutschland AG

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tear strength	130	kN/m	ISO 34-1
Abrasion resistance	50	mm ³	ISO 4649
Shore Hardness A (15s)	95	-	ISO 868
Shore Hardness D (15s)	48	-	ISO 868
Tensile Strength	42	MPa	ISO 37
Strain at Break	420	%	ISO 37
Stress at 100% Elongation	13	MPa	DIN 53504
Stress at 300% Elongation	28	MPa	DIN 53504

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1140	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	≤110	°C	-
Melt temperature	190 - 210	°C	-
Mold temperature	20 - 40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	≤110	°C	-
Melt temperature	185 - 215	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Features

Fungus Resistance

Special Characteristics

UV stablized

Chemical Resistance

Hydrolysis