



Desmopan® 6088A

TPU

Covestro Deutschland AG

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Compression Set under constant strain, 70 °C	55	%	ISO 815
Tear strength	46	kN/m	ISO 34-1
Abrasion resistance	31	mm ³	ISO 4649
Shore Hardness A (15s)	88	-	ISO 868
Tensile Strength	28	MPa	ISO 37
Strain at Break	610	%	ISO 37
Tensile Stress (10% Elongation)	2.7	MPa	DIN 53504
Stress at 100% Elongation	8.3	MPa	DIN 53504
Stress at 300% Elongation	14	MPa	DIN 53504

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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Melt temperature	200 - 220	°C	-
Mold temperature	20 - 40	°C	-

Characteristics

Processing

Injection Molding

Features

Fungus Resistance, Low Warpage

Delivery form

Pellets

Chemical Resistance

Hydrolysis

Additives

Release agent