



Desmopan 9370AU DPS 070
(TPU-ARET)

Covestro Deutschland AG

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Compression Set under constant strain, 70 °C	45 ^[1]	%	ISO 815
Tear strength	39	kN/m	ISO 34-1
Abrasion resistance	69	mm ³	ISO 4649
Shore Hardness A (15s)	70	-	ISO 868
Tensile Strength	26.8	MPa	ISO 37
Strain at Break	794	%	ISO 37
Stress at 100% Elongation	2.9	MPa	DIN 53504
Stress at 300% Elongation	5.5	MPa	DIN 53504

1: Method A

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1060	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Melt temperature	190 - 210	°C	-
Mold temperature	20 - 40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Melt temperature	175 - 210	°C	-

Characteristics

Processing

Injection Molding, Film Extrusion, Other Extrusion

Chemical Resistance

Hydrolysis

Special Characteristics

UV stabilized

Applications

Sports Equipment

Features

Fungus Resistance