

Product Texts

- Extrusion- and injection molding grade
- high mechanical strength
- Application:
 - Toothed belts
 - Profiles
 - Hoses, non-reinforced

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Stress at 10% elongation	4.2	MPa	ISO 527
^[C] Stress at 100% elongation	9.2	MPa	ISO 527
^[C] Stress at 300% elongation	21	MPa	ISO 527
^[C] Stress at break TPE	51	MPa	ISO 527
^[C] Strain at break TPE	>300	%	ISO 527
^[C] Compression set at 70 °C, 24h	36	%	ISO 815
^[C] Tear strength	80	kN/m	ISO 34-1
^[C] Abrasion resistance	25	mm ³	ISO 4649
^[C] Shore A hardness	92	-	ISO 7619-1
^[C] Shore D hardness	40	-	ISO 7619-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1210	kg/m ³	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 110	°C	-
Pre-drying - Time	1 - 2	h	-
Processing humidity	≤0.05	%	-

Characteristics**Processing**

Injection Molding, Profile Extrusion, Sheet Extrusion, Other Extrusion

Additives

Lubricants

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Other text information**Injection molding**

Preprocessing	
Max. Water content	≤0.05 %
Drying temperature	70-110 °C
Drying time	
Dry air dryer	1-2 h
Processing	
Melt temperature	210-230 °C

Other extrusion

Preprocessing	
Max. Water content	≤0.05 %
Drying temperature	70-110 °C

Desmopan 392

TPU

Covestro Deutschland AG

Dry air dryer	1-2 h
Processing	
Melt temperature	200-220 °C

Profile extrusion

Preprocessing	
Max. Water content	≤0.05 %
Drying temperature	70-110 °C
Dry air dryer	1-2 h
Processing	
Melt temperature	180-210 °C