

Product Texts

- Extrusion- and injection molding grade
- high mechanical strength
- Application:
 - Toothed belts
 - Profiles
 - Injection molded engineering parts

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Stress at 10% elongation	2.8	MPa	ISO 527
^[C] Stress at 100% elongation	10.6	MPa	ISO 527
^[C] Stress at 300% elongation	28	MPa	ISO 527
^[C] Stress at break TPE	54	MPa	ISO 527
^[C] Strain at break TPE	>300	%	ISO 527
^[C] Compression set at 70 °C, 24h	45	%	ISO 815
^[C] Tear strength	85	kN/m	ISO 34-1
^[C] Abrasion resistance	30	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

Characteristics**Processing**

Injection Molding, Profile 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 %

Max. drying temperature: 80 °C

Drying time:

Dry air dryer 1-2 h

PROCESSING

Melt temperature: 210-230 °C

Mold temperature: 20-40 °C

Other extrusion

Preprocessing

Max. Water content ≤0.05 %

Drying temperature 70-110 °C

Dry air dryer 1-2 h

Profile extrusion

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