

**Product Texts**

- Injection molding grade
  - with high mechanical strength for articles subject to wear.
- Application:
- Shift lever balls
  - Roller tires
  - Coupling elements
  - Shoe heels

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Stress at 10% elongation	4	MPa	ISO 527
<sup>[C]</sup> Stress at 100% elongation	9.5	MPa	ISO 527
<sup>[C]</sup> Stress at 300% elongation	17	MPa	ISO 527
<sup>[C]</sup> Stress at break TPE	52	MPa	ISO 527
<sup>[C]</sup> Strain at break TPE	>300	%	ISO 527
<sup>[C]</sup> Compression set at 70 °C, 24h	40	%	ISO 815
<sup>[C]</sup> Tear strength	85	kN/m	ISO 34-1
<sup>[C]</sup> Abrasion resistance	32	mm <sup>3</sup>	ISO 4649
<sup>[C]</sup> Shore A hardness	92	-	ISO 7619-1
<sup>[C]</sup> Shore D hardness	42	-	ISO 7619-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
<sup>[C]</sup> Density	1230	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<90	°C	-
Melt temperature	210 - 225	°C	-
Mold temperature	20 - 40	°C	-

**Characteristics****Processing**

Injection Molding, Film Extrusion, Profile Extrusion, Sheet Extrusion, Other Extrusion

**Delivery form**

Pellets, Granules

**Additives**

Release agent

**Chemical Resistance**

Hydrolytically Stable

**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: 90 °C  
 Drying time:  
 Dry air dryer 1-2 h

**PROCESSING**

Melt temperature: 210-225 °C  
 Mold temperature: 20-40 °C