

**Product Texts**

- injection molding grade
- hydrolysis-stabilised
- high mechanical strength
- Injection molded engineering parts

Application:

- Rollers
- Ear-tags
- Shoe heels

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Stress at 10% elongation	9.1	MPa	ISO 527
<sup>[C]</sup> Stress at 100% elongation	15.2	MPa	ISO 527
<sup>[C]</sup> Stress at 300% elongation	27	MPa	ISO 527
<sup>[C]</sup> Stress at break TPE	48	MPa	ISO 527
<sup>[C]</sup> Strain at break TPE	>300	%	ISO 527
<sup>[C]</sup> Compression set at 70 °C, 24h	46	%	ISO 815
<sup>[C]</sup> Compression set at 100 °C, 24h	31	%	ISO 815
<sup>[C]</sup> Tear strength	150	kN/m	ISO 34-1
<sup>[C]</sup> Abrasion resistance	13	mm <sup>3</sup>	ISO 4649
<sup>[C]</sup> Shore D hardness	51	-	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	110	°C	-
Pre-drying - Time	1 - 2	h	-
Processing humidity	≤0.05	%	-
Melt temperature	210 - 230	°C	-
Mold temperature	20 - 40	°C	-

**Characteristics****Processing**

Injection Molding

**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: 110 °C

Drying time:

Dry air dryer 1-2 h

## PROCESSING

Melt temperature: 210-230 °C

Mold temperature: 20-40 °C