

**Product Texts**

- Injection molding grade
  - with release agent
  - excellent abrasion resistance
  - good wear resistance
  - very short cycle times
- Application:
- Heel patches
  - Rollers
  - Boot shells
  - Injection molded engineering parts

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Stress at 10% elongation	<b>12.4</b>	MPa	ISO 527
<sup>[C]</sup> Stress at 100% elongation	<b>21</b>	MPa	ISO 527
<sup>[C]</sup> Stress at 300% elongation	<b>42</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break TPE	<b>50</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break TPE	<b>&gt;300</b>	%	ISO 527
<sup>[C]</sup> Compression set at 70 °C, 24h	<b>42</b>	%	ISO 815
<sup>[C]</sup> Compression set at 100 °C, 24h	<b>24</b>	%	ISO 815
<sup>[C]</sup> Tear strength	<b>160</b>	kN/m	ISO 34-1
<sup>[C]</sup> Abrasion resistance	<b>18</b>	mm <sup>3</sup>	ISO 4649
<sup>[C]</sup> Shore A hardness	<b>97</b>	-	ISO 7619-1
<sup>[C]</sup> Shore D hardness	<b>59</b>	-	ISO 7619-1

[C]: CAMPUS

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

[C]: CAMPUS

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>110</b>	°C	-
Pre-drying - Time	<b>1 - 2</b>	h	-
Processing humidity	<b>≤0.05</b>	%	-
Melt temperature	<b>220 - 240</b>	°C	-
Mold temperature	<b>20 - 40</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

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

**Additives**

Release agent

**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: 220-240 °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