

**Product Texts**

- injection molding grade
  - high mechanical strength
  - excellent abrasion resistance
  - good wear resistance
  - very short cycle times
- Application:
- Technical parts

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Stress at 10% elongation	<b>20.9</b>	MPa	ISO 527
<sup>[C]</sup> Stress at 100% elongation	<b>31.9</b>	MPa	ISO 527
<sup>[C]</sup> Stress at 300% elongation	<b>49</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break TPE	<b>59</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>51</b>	%	ISO 815
<sup>[C]</sup> Tear strength	<b>180</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>98</b>	-	ISO 7619-1
<sup>[C]</sup> Shore D hardness	<b>65</b>	-	ISO 7619-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
<sup>[C]</sup> Density	<b>1220</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
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

**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