

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
ISO Data			
[C] Stress at 10% elongation	29.6	MPa	ISO 527
[C] Stress at 100% elongation	37.7	MPa	ISO 527
[C] Stress at 300% elongation	65	MPa	ISO 527
[C] Stress at break TPE	65	MPa	ISO 527
[C] Strain at break TPE	>300	%	ISO 527
[C] Compression set at 70 °C, 24h	49	%	ISO 815
[C] Tear strength	250	kN/m	ISO 34-1
[C] Abrasion resistance	20	mm ³	ISO 4649
[C] Shore A hardness	98	-	ISO 7619-1
[C] Shore D hardness	72	-	ISO 7619-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	1240	kg/m ³	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	220 - 240	°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: 220-240 °C

Mold temperature: 20-40 °C