

Product Texts

- Injection molding grade
 - grease and oil-resistant
 - low compression set
 - good heat resistance
 - short cycle times
- Application:
- Automotive engineering
 - roller coating
 - Seals, membranes
 - Damping elements

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Stress at 10% elongation	1.9	MPa	ISO 527
^[C] Stress at 100% elongation	6	MPa	ISO 527
^[C] Stress at 300% elongation	15	MPa	ISO 527
^[C] Stress at break TPE	46	MPa	ISO 527
^[C] Strain at break TPE	>300	%	ISO 527
^[C] Compression set at 70 °C, 24h	26	%	ISO 815
^[C] Tear strength	70	kN/m	ISO 34-1
^[C] Abrasion resistance	25	mm ³	ISO 4649
^[C] Shore A hardness	86	-	ISO 7619-1
^[C] Shore D hardness	34	-	ISO 7619-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1210	kg/m ³	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	1 - 2	h	-
Processing humidity	≤0.05	%	-
Melt temperature	220 - 230	°C	-
Mold temperature	20 - 40	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Additives

Lubricants, Release agent

Features

Scratch Resistant

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: 80 °C

Drying time:

Dry air dryer 1-2 h

PROCESSING

Melt temperature: 230-240 °C

Mold temperature: 20-40 °C