

Product Texts

- Extrusion- and injection molding grade
 - very good hydrolysis and microbial resistance
 - very good low-temperature impact strength
- Application:
- Boot shells
 - Technical parts

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Stress at 10% elongation	52.8	MPa	ISO 527
^[C] Stress at 100% elongation	43.9	MPa	ISO 527
^[C] Stress at break TPE	54	MPa	ISO 527
^[C] Strain at break TPE	>300	%	ISO 527
^[C] Tear strength	285	kN/m	ISO 34-1
^[C] Abrasion resistance	60	mm ³	ISO 4649
^[C] Shore D hardness	78	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Vicat softening temperature, B	106	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1200	kg/m ³	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	130	°C	-
Pre-drying - Time	1 - 2	h	-
Processing humidity	≤0.05	%	-
Melt temperature	240 - 260	°C	-
Mold temperature	70	°C	-

Characteristics**Processing**

Injection Molding, Profile Extrusion, Sheet Extrusion, Other Extrusion

Delivery form

Granules

Additives

Release agent

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

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: 130 °C

Drying time:

Dry air dryer 1-2 h

PROCESSING

Melt temperature: 220-260 °C

Mold temperature: 70 °C

Other extrusion

PROCESSING

Melt temperature: 215-235 °C