

Product Texts

- Extrusion- and injection molding grade
 - with special UV stabilizers
 - very good hydrolysis and microbial resistance
 - good low-temperature flexibility
 - free from plasticizers
 - high moisture vapor transmission rate
- Application:
- breathable films
 - Films
 - Sports shoe soles
 - hard - soft systems

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Stress at 10% elongation	0.6	MPa	ISO 527
^[C] Stress at 100% elongation	2.9	MPa	ISO 527
^[C] Stress at 300% elongation	5	MPa	ISO 527
^[C] Stress at break TPE	26	MPa	ISO 527
^[C] Strain at break TPE	>300	%	ISO 527
^[C] Compression set at 70 °C, 24h	49	%	ISO 815
^[C] Tear strength	40	kN/m	ISO 34-1
^[C] Abrasion resistance	70	mm ³	ISO 4649
^[C] Shore A hardness	70	-	ISO 7619-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1060	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	190 - 210	°C	-
Mold temperature	20 - 40	°C	-

Characteristics**Processing**

Injection Molding, Film Extrusion, Profile Extrusion, Sheet Extrusion, Other Extrusion

Chemical Resistance

Hydrolytically Stable

Applications

Sports Equipment

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: 190-210 °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
Processing	
Melt temperature	175-210 °C

Profile extrusion

Preprocessing	
Max. Water content	≤0.05 %
Drying temperature	70-110 °C
Dry air dryer	1-2 h
Processing	
Melt temperature	195-215 °C