

Product Texts**DESCRIPTION**

Elastollan 1260 DU is a polyether based TPU

SPECIAL PROPERTIES

transparent, outstanding hydrolysis resistance, low temperature flexibility and high resistance to micro-organisms
Processable by injection moulding.

TYPICAL APPLICATIONS

ski boots

OTHER HINTS

predrying: 3h at 90 - 110°C in dehumidified air dryer.
Additives have to be dried together with granulate.
max. content of humidity before processing: 0,02%
annealing: 20h at 100°C in order to get optimum properties

CHEMICAL RESISTANCE

For detailed information on the chemical resistance of our materials refer to this [list of chemical resistance](#)

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Stress at 100% elongation	22.5	MPa	ISO 527
[C] Stress at 300% elongation	36.5	MPa	ISO 527
[C] Stress at break TPE	45	MPa	ISO 527
[C] Strain at break TPE	>300	%	ISO 527
[C] Compression set at 23 °C, 24h	45	%	ISO 815
[C] Compression set at 70 °C, 24h	52	%	ISO 815
[C] Tear strength	165	kN/m	ISO 34-1
[C] Abrasion resistance	40	mm ³	ISO 4649
[C] Shore D hardness	61	-	ISO 7619-1

[C]: CAMPUS

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

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Other text information**Injection molding**

Barrel temperature : 210 - 225 °C

Melt temperature : 225 °C

Mold temperature: 40 - 60 °C