

Product Texts**DESCRIPTION**

Elastollan 585 A is a polyester based TPU

SPECIAL PROPERTIES

transparent, with excellent mechanical properties
and a high abrasion resistance,
processable by injection moulding

TYPICAL APPLICATIONS

shoe applications

OTHER HINTS

predrying: 3h at 90 - 110°C (air circulating oven) or 85°C (dehumidified air dryer)
max. content of humidity before processing: 0,02%
annealing: 20 h 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 break TPE	40	MPa	ISO 527
^[C] Strain at break TPE	>300	%	ISO 527
^[C] Tear strength	95	kN/m	ISO 34-1
^[C] Abrasion resistance	35	mm ³	ISO 4649
^[C] Shore A hardness	83	-	ISO 7619-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1250	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