

Product Texts**DESCRIPTION**

Elastollan 785 A is a polyester based TPU

SPECIAL PROPERTIES

excellant mechanical properties and chemical resistance,
outstanding wear resistance, high tear and tensile strength,
good damping characteristic and resilience performance
Processessable by injection moulding and extrusion.

TYPICAL APPLICATIONS

round beltings

OTHER HINTS

predrying: 3h at 90 - 110°C (air circulating oven)
or 75 - 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	45	MPa	ISO 527
^[C] Strain at break TPE	>300	%	ISO 527
^[C] Compression set at 23 °C, 24h	20	%	ISO 815
^[C] Compression set at 70 °C, 24h	30	%	ISO 815
^[C] Tear strength	70	kN/m	ISO 34-1
^[C] Abrasion resistance	40	mm ³	ISO 4649
^[C] Shore A hardness	85	-	ISO 7619-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1180	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Regional Availability**

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