

Product Texts**DESCRIPTION**

Elastollan C 88 A is a polyester based TPU

SPECIAL PROPERTIES

high tensile strength, excellent tear strength,
very good damping behavior, good rebound elasticity,
very good wear performance, good flexibility at low temperature and
resistance to hydrolysis

TYPICAL APPLICATIONS

round beltings

OTHER HINTS

predrying: 2-3h at 100-110°C (air circulating oven)
or 80-90°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 100% elongation	6	MPa	ISO 527
^[C] Stress at 300% elongation	13	MPa	ISO 527
^[C] Stress at break TPE	50	MPa	ISO 527
^[C] Strain at break TPE	>300	%	ISO 527
^[C] Compression set at 23 °C, 24h	25	%	ISO 815
^[C] Compression set at 70 °C, 24h	40	%	ISO 815
^[C] Tear strength	75	kN/m	ISO 34-1
^[C] Abrasion resistance	30	mm ³	ISO 4649
^[C] Shore A hardness	88	-	ISO 7619-1
^[C] Shore D hardness	37	-	ISO 7619-1

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
^[C] Comparative tracking index	600	-	IEC 60112

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1190	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Profile Extrusion

Delivery form

Pellets

Regional Availability

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

Other text information**Profile extrusion**

Barrel temperature : 160 - 190 °C