

Product Texts

DESCRIPTION

Elastollan B 80 A is a polyester based TPU

SPECIAL PROPERTIES

good wear performance, good damping behavior and rebound elasticity
at good flexibility at low temperature, good tensile strength

TYPICAL APPLICATIONS

damping parts, hoses,

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	5	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	20	%	ISO 815
^[C] Compression set at 70 °C, 24h	30	%	ISO 815
^[C] Tear strength	85	kN/m	ISO 34-1
^[C] Abrasion resistance	30	mm ³	ISO 4649
^[C] Shore A hardness	82	-	ISO 7619-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1190	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