

Product Texts

DESCRIPTION

Elastollan A C 85 A is a aliphatic polyester based TPU

SPECIAL PROPERTIES

excellent colour fastness, easy flowing, detailed reproduction of surface structures, resistance to hydrolysis and low fogging values.
Processable by injection moulding and extrusion.
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TYPICAL APPLICATIONS

applications in vehicle interior

OTHER HINTS

predrying: 3h at 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	18	MPa	ISO 527
^[C] Strain at break TPE	>300	%	ISO 527
^[C] Compression set at 23 °C, 24h	36	%	ISO 815
^[C] Compression set at 70 °C, 24h	39	%	ISO 815
^[C] Tear strength	50	kN/m	ISO 34-1
^[C] Shore A hardness	84	-	ISO 7619-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1140	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Regional Availability**

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