

**Product Texts**

## DESCRIPTION

Elastollan A C 85 A HPM is an aliphatic polyester based TPU

## SPECIAL PROPERTIES

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

## TYPICAL APPLICATIONS

applications in vehicle interior

## OTHER HINTS

predrying: 3h at 30 - 40°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
<b>ISO Data</b>			
<sup>[C]</sup> Stress at break TPE	15	MPa	ISO 527
<sup>[C]</sup> Strain at break TPE	>300	%	ISO 527
<sup>[C]</sup> Compression set at 23 °C, 24h	20	%	ISO 815
<sup>[C]</sup> Compression set at 70 °C, 24h	30	%	ISO 815
<sup>[C]</sup> Compression set at 100 °C, 24h	40	%	ISO 815
<sup>[C]</sup> Tear strength	50	kN/m	ISO 34-1
<sup>[C]</sup> Shore A hardness	85	-	ISO 7619-1

[C]: CAMPUS

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

[C]: CAMPUS

**Characteristics****Regional Availability**

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