

**Product Texts****DESCRIPTION**

Elastollan C 65 A HPM 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**

technical parts

**OTHER HINTS**

predrying: 3h at 65°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](#)

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Stress at 100% elongation	<b>2</b>	MPa	ISO 527
<sup>[C]</sup> Stress at 300% elongation	<b>4</b>	MPa	ISO 527
<sup>[C]</sup> Stress at break TPE	<b>40</b>	MPa	ISO 527
<sup>[C]</sup> Strain at break TPE	<b>&gt;300</b>	%	ISO 527
<sup>[C]</sup> Compression set at 23 °C, 24h	<b>20</b>	%	ISO 815
<sup>[C]</sup> Compression set at 70 °C, 24h	<b>30</b>	%	ISO 815
<sup>[C]</sup> Tear strength	<b>40</b>	kN/m	ISO 34-1
<sup>[C]</sup> Abrasion resistance	<b>60</b>	mm <sup>3</sup>	ISO 4649
<sup>[C]</sup> Shore A hardness	<b>65</b>	-	ISO 7619-1

[C]: CAMPUS

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

[C]: CAMPUS

**Characteristics****Processing**

Injection Molding, Profile Extrusion, Blow Molding

**Regional Availability**

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