

**Product Texts**

**DESCRIPTION**

Elastollan 565 AP is a polyester based TPU

**SPECIAL PROPERTIES**

plasticized, with excellent mechanical properties, phthalate-free  
Processable by injection moulding.

**TYPICAL APPLICATIONS**

shoe applications

**OTHER HINTS**

predrying: 3h at 90 - 110°C (air circulating oven) or 75 - 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](#)

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<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> Tear strength	<b>65</b>	kN/m	ISO 34-1
<sup>[C]</sup> Abrasion resistance	<b>45</b>	mm <sup>3</sup>	ISO 4649

[C]: CAMPUS

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Density	<b>1220</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

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