

**Product Texts****DESCRIPTION**

Elastollan LP 9277 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](#)

<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	13	MPa	ISO 527
<sup>[C]</sup> Strain at break TPE	>300	%	ISO 527
<sup>[C]</sup> Tear strength	40	kN/m	ISO 34-1
<sup>[C]</sup> Shore A hardness	68	-	ISO 7619-1

[C]: CAMPUS

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Density	1170	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

**Other text information****Injection molding**

Barrel temperature : 190 - 220 °C

Melt temperature : 220 °C

Mold temperature: 20 - 40 °C