

## PRODUCT DATA SHEET APILON 52 F Series

A family of high quality polyester-based TPUs with excellent hydrolysis and low temperature resistance.  $\Delta$ Lø grades are UV resistant versions giving improved resistance to light. Suitable for manufacture of technical products by injection moulding.

GRADE: **F 40 L**

PROPERTY	TEST METHOD	DATA
<b>Relative Density</b>	DIN 53457	<b>1.2</b>
<b>Hardness</b>	DIN 53505 / ASTM D 2240	<b>85 °A 40° Shore D</b>
<b>Tear Strength</b> ( un-notched )	DIN 53515 / ASTM D624	<b>100 KN/m</b>
<b>Tensile Modulus</b> 100 % 300 %	DIN 53504 / ASTM D 638	<b>6.5 Mpa 10.5 Mpa</b>
<b>Tensile Strength</b>	DIN 53504 / ASTM D 638	<b>45.0 MPa</b>
<b>Elongation at break</b>	DIN 53504 / ASTM D 638	<b>600 %</b>
<b>Izod Impact strength</b> (notched) +23°C -20°C	ASTM D256	<b>No break No break</b>
<b>Flexural modulus</b>	ASTM D790	<b>35 MPa</b>

