

## PRODUCT DATA SHEET APIILON 52 TL Series

A family of high quality polyether-based TPUs with excellent low temperature resistance. Also available in UV resistant versions giving improved resistance to light. Suitable for manufacture of food contact products by injection moulding.

GRADE: **TL 40**

---

PROPERTY	TEST METHOD	DATA
<b>Relative Density</b>	DIN 53457	<b>1.13</b>
<b>Hardness</b>	DIN 53505 / ASTM D 2240	<b>90 °A / 40 °D</b>
<b>Tear Strength</b> ( un-notched )	DIN 53515 / ASTM D624	<b>100 KN/m</b>
<b>Tensile Strength</b>	DIN 53504 / ASTM D 638	<b>37.8 MPa</b>
<b>Elongation at break</b>	DIN 53504 / ASTM D 638	<b>600 %</b>
<b>Flexural modulus</b>	ASTM D790	<b>50 MPa</b>

