

# performanceplastics

## PRODUCT DATA SHEET

### APILON 64 EX Series

TPU based polymeric alloys designed for the manufacture of products with superior physical and mechanical properties, suitable for extrusion applications. Available with a wide range of TPU content.

GRADE: **DP 0001**

PROPERTY	TEST METHOD	DATA
<b>TPU content (polyester)</b>		<b>80 %</b>
<b>Relative Density</b>	DIN 53457	<b>1.22</b>
<b>Hardness</b>	DIN 53505 / ASTM D 2240	<b>85° Shore A</b>
<b>Melt Flow Index</b> 190 C / 49.05 N g/10min	ASTM D1238	<b>18</b>
<b>Tear Strength</b> ( un-notched )	DIN 53515 / ASTM D624	<b>98 KN/m</b>
<b>100% Modulus</b>	DIN 53504 / ASTM D 638	<b>6.6 MPa</b>
<b>300% Modulus</b>		<b>11.7 MPa</b>
<b>Tensile Strength</b>	DIN 53504 / ASTM D 638	<b>27.9 MPa</b>
<b>Elongation at break</b>	DIN 53504 / ASTM D 638	<b>660 %</b>
<b>Abrasion resistance</b>	DIN 53516	<b>60 mm<sup>3</sup></b>

