

PRODUCT DATA SHEET

APIILON 64 V 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: **8778 NL / 85**

PROPERTY	TEST METHOD	DATA
TPU content		80 %
Relative Density	DIN 53457	1.19
Hardness	DIN 53505 / ASTM D 2240	85° Shore A
Melt Flow Index 190 C / 49.05 N g/10min	ASTM D1238	14
Tear Strength (un-notched)	DIN 53515 / ASTM D624	73 KN/m
100% Modulus	DIN 53504 / ASTM D 638	5.8 MPa
300% Modulus		10.5 MPa
Tensile Strength	DIN 53504 / ASTM D 638	19.9 MPa
Elongation at break	DIN 53504 / ASTM D 638	550 %
Abrasion resistance	DIN 53516	60 mm3

