

performanceplastics

PRODUCT DATA SHEET

APILON 52 A Series

A new range of high quality polyester-based TPUs with excellent aesthetics and good processability. Suitable for manufacture of technical products by injection moulding. These grades have a matt, 'rubbery' feel.

GRADE : **A 70 E**

PROPERTY	TEST METHOD	DATA
Relative Density	DIN 53457	1.18
Hardness	DIN 53505 / ASTM D 2240	70 °A
Tear Strength (un-notched)	DIN 53515 / ASTM D624	60 KN/m
Tensile Modulus 100 % 300 %	DIN 53504 / ASTM D 638	2.5 Mpa 4.0 Mpa
Tensile Strength	DIN 53504 / ASTM D 638	28.0 MPa
Elongation at break	DIN 53504 / ASTM D 638	750 %
Abrasion resistance	DIN 53516	<50 mm³

