

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 7505**

PROPERTY	TEST METHOD	DATA
Relative Density	DIN 53457	1.17
Hardness	DIN 53505 / ASTM D 2240	75 °A
Tear Strength (un-notched)	DIN 53515 / ASTM D624	78 KN/m
Tensile Modulus 100 % 300 %	DIN 53504 / ASTM D 638	3.2 Mpa 5.8 Mpa
Tensile Strength	DIN 53504 / ASTM D 638	30.5 MPa
Elongation at break	DIN 53504 / ASTM D 638	740 %
Abrasion resistance	DIN 53516	<50 mm³

