

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 6505**

PROPERTY	TEST METHOD	DATA
Relative Density	DIN 53457	1.17
Hardness	DIN 53505 / ASTM D 2240	65 °A
Tear Strength (un-notched)	DIN 53515 / ASTM D624	72 KN/m
Tensile Modulus 100 % 300 %	DIN 53504 / ASTM D 638	2.6 Mpa 4.7 Mpa
Tensile Strength	DIN 53504 / ASTM D 638	34.0 MPa
Elongation at break	DIN 53504 / ASTM D 638	800 %
Abrasion resistance	DIN 53516	48 mm³



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