

PRODUCT DATA SHEET APILON 52 D Series

A family of high quality transparent polyester-based TPUs with excellent hydrolysis and low temperature resistance. Also available in UV resistant versions giving improved resistance to light. Suitable for manufacture of technical products by injection moulding.

GRADE: **D 30**

PROPERTY	TEST METHOD	DATA
Relative Density	DIN 53457	1.2
Hardness	DIN 53505 / ASTM D 2240	87 °A 37° Shore D
Tear Strength (un-notched)	DIN 53515 / ASTM D624	95 KN/m
Tensile Modulus 100 % 300 %	DIN 53504 / ASTM D 638	6.0 Mpa 12.0 Mpa
Tensile Strength	DIN 53504 / ASTM D 638	45.0 MPa
Elongation at break	DIN 53504 / ASTM D 638	540 %
Abrasion resistance	DIN 53516	30 mm³
Izod Impact strength (notched) +23°C -20°C	ASTM D256	No break No break

