

performanceplastics

PRODUCT DATA SHEET

MEGOL DE Series

SEBS based high-fluidity medium modulus range of compounds designed for the production of products with excellent U.V. resistance and very good low temperature performance, with easy colourability. Suitable for medical applications, ingredients are FDA and USP approved.

GRADE : DE 47 P2/A

PROPERTY	TEST METHOD	DATA
Relative Density	DIN 53457	0.9
Hardness	DIN 53505 / ASTM D 2240	47° Shore D
Melt Flow Index 190 C / 49.05 N g/10min	ASTM D1238	17
Tear Strength (un-notched)	DIN 53515 / ASTM D624	110 KN/m
100% Modulus 300% Modulus	DIN 53504 / ASTM D 638	12.4 Mpa 12.5 Mpa
Tensile Strength	DIN 53504 / ASTM D 638	17.0 Mpa
Elongation at break	DIN 53504 / ASTM D 638	550 %
Izod Impact Strength (notched)	ASTM D256 +23 °C -20 °C	NB 70 J/m
Flexural Modulus	ASTM D 790 +23 °C	260 MPa
Abrasion resistance	DIN 53516	90 mm3



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