

PRODUCT DATA SHEET MEGOL PMG Series

SEBS-based medical / food quality compounds with excellent elastomeric properties and a translucent 'rubberlike' appearance designed for injection moulding and co-moulding onto polyolefines, with excellent U.V. stability.

PMG grades meet EEC decree 128/90 and all ingredients are covered by EEC synoptic document n6 CS/PM/2061, 2/4/93. The base polymers in MEGOL IA 55 PMG comply with FDA Art.21 CFR 177.1810

GRADE: **IA 55 PMG**

PROPERTY	TEST METHOD	DATA
Relative Density	DIN 53457	0.9
Hardness	DIN 53505 / ASTM D 2240	55° Shore A
Melt Flow Index 190 C / 49.05 N g/10min	ASTM D1238	30
Tear Strength (un-notched)	DIN 53515 / ASTM D624	22 KN/m
100% Modulus 300% Modulus	DIN 53504 / ASTM D 638	3.1 Mpa 4.8 Mpa
Tensile Strength	DIN 53504 / ASTM D 638	10.0 Mpa
Elongation at break	DIN 53504 / ASTM D 638	730 %
Compression set 72h @ 23 deg C 24h @ 70 deg C	DIN 53517	22 % 50 %

