

## 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.

**GRADE: IA 35 PMG**

PROPERTY	TEST METHOD	DATA
<b>Relative Density</b>	DIN 53457	<b>0.9</b>
<b>Hardness</b>	DIN 53505 / ASTM D 2240	<b>35° Shore A</b>
<b>Melt Flow Index</b> 190 C / 49.05 N g/10min	ASTM D1238	<b>40</b>
<b>Tear Strength</b> ( un-notched )	DIN 53515 / ASTM D624	<b>15 KN/m</b>
<b>100% Modulus</b> <b>300% Modulus</b>	DIN 53504 / ASTM D 638	<b>1.1 Mpa</b> <b>1.8 Mpa</b>
<b>Tensile Strength</b>	DIN 53504 / ASTM D 638	<b>3.8 Mpa</b>
<b>Elongation at break</b>	DIN 53504 / ASTM D 638	<b>750 %</b>
<b>Abrasion resistance</b>	DIN 53516	<b>200 mm<sup>3</sup></b>
<b>Compression set</b> 72h @ 23 deg C 24h @ 70 deg C	DIN 53517	<b>15 %</b> <b>25 %</b>

**The base polymers in MEGOL IA 35 PMG comply with FDA Art.21 CFR 177.1810**

