

## PRODUCT DATA SHEET MEGOL CMG Series

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

CMG grades meet EEC decree 128/90 and all ingredients are covered by EEC synoptic document n6 CS/PM/2061, 2/4/93.

**GRADE: IA 45 CMG**

PROPERTY	TEST METHOD	DATA
<b>Relative Density</b>	DIN 53457	<b>1.19</b>
<b>Hardness</b>	DIN 53505 / ASTM D 2240	<b>45° Shore A</b>
<b>Melt Flow Index</b> 190 C / 49.05 N g/10min	ASTM D1238	<b>16</b>
<b>Tear Strength</b> ( un-notched )	DIN 53515 / ASTM D624	<b>19 KN/m</b>
<b>Tensile Strength</b>	DIN 53504 / ASTM D 638	<b>4.5 Mpa</b>
<b>Elongation at break</b>	DIN 53504 / ASTM D 638	<b>700 %</b>
<b>Abrasion resistance</b>	DIN 53516	<b>300 mm3</b>
<b>Compression set</b> 72h @ 23 deg C 24h @ 70 deg C	DIN 53517	<b>26%</b> <b>48 %</b>

**The base polymers in MEGOL IA 45 CMG comply with FDA Art.21 CFR 177.18**

