


<b>VMQ/300</b>				
Material Data Sheet	Compound	<b>VMQ/300</b>	Rev.1	
	Designation	<b>VMQ</b>	Dec.2010	

**Material type:** Silicone Rubber 80 Shore A.

Formulated using only those ingredients determined by the United States Federal Food and Drug Administration to be non-toxic and non-carcinogenic in accordance with Code of Federal Regulations Title 21, Section 177.2600.

Conforming to EU1935/2004.



**Color:** White  
**Temperature Range:** Min. -60°C Max. +200°C  
**Storage recommendation:** According to ISO 2230  
**Specification:** ASTM D2000 M5GE 705 Z1 Z2 A19 B37 EA14

<b>705 Physical Properties</b>	<b>Unit</b>	<b>Test method</b>	<b>Value</b>
Hardness, Shore A	pts	D2240	80
Tensile strength	MPa	D412	>6
Ultimate Elongation	%	D412	>100
Specific gravity		D297	1.2
<b>A 19 Heat Resistance, 70h at 225°C</b>			
Change in Hardness	pts	D573	3,0
Change in Tensile strength	%	D573	-13,2
Change in Ultimate Elongation	%	D573	-19,5
<b>B 37 Compression set, Method B</b>			
22h at 175°C	%	D395	<25
<b>EA 14 Water Resistance, 70h at 100°C</b>			
Change in Hardness	pts	D471	-1.40
Change in Volume	%	D471	+2,9

The results given in this datasheet are obtained on standard specimen following standard test procedures and are not comparable to finished products due to differences in the products profile. It is the customer's responsibility to evaluate parts prior to use in order to assure that parts will perform satisfactorily in their application.