



Groot-Bijgaardenstraat 124
B-1620 Drogenbos

Material : Silicone Rubber (VMQ)

Suebel Code : SL 4B

Name of Elastomer producer - Dow Corning

Manufacturer Code - GP700

Revision date : 01/03/2009

Physical properties	nominal	actual	units
Hardness BS 903 A 26, 23 °C	70-75	72	Shore A
Tensile strength BS 903 A 2, 23 °C	> 51	65	Kg/Cm ²
Elongation at break BS 903 A 2, 23 °C	> 250	400	%
Compression set BS 903 A 6, 175 °C, 22 h, 25 %	< 40	25	%
Air Ageing BS 903 A 19, 225 °C, 70 h			
Hardness Change	<(+10)	+2	Points
Tensile Change	<(-40)	-15.4	%
Elongation Change	<(-40)	-25	%
Fluid Resistance, ASTM Oil-1 BS 903 A 16, 150 °C, 70 h			
Hardness Change	<(-15)	-4	Points
Tensile Change	<(-50)	-23	%
Elongation Change	<(-30)	-15	%
Volume Change	<(+20)	+6.8	%
Water Resistance, BS 903 A 16, 100 °C, 70 h			
Hardness Change	<(±5)	+2	Points
Volume Change	<(±5)	+2.1	%
Specific Gravity	---	1.35	Gm/cc
Operating Temperature	-70°C To +200°C		

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