



Groot-Bijgaardenstraat 124
B-1620 Drogenbos

Material : Silicone Rubber (VMQ)

Suebel Code : SL 4B FG Colour : Green

Grade : Rubber for Food Contact Applications.

1) *Our Food Grade Compounds were successfully tested at IRMRA [A NABL(ISO-17025-2005) Accredited Laboratory] referring to US-FDA-177-2600.Clause(F).*

2) *All ingredients used in forming the compounds are from the reputed suppliers & food grade certified.*

Revision date : 01/10/2011

Physical properties As per BS 5176, Grade-II	nominal	actual	units
Hardness BS 903 A 26, 23 °C	70-75	72	Shore A
Tensile strength BS 903 A 2, 23 °C	> 51	70	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	23	%
Air Ageing BS 903 A 19, 225 °C, 70 h			
Hardness Change	<(+10)	2	Points
Tensile Change	<(-40)	-21.4	%
Elongation Change	<(-40)	-20	%
Fluid Resistance, ASTM Oil-1 BS 903 A 16, 150 °C, 70 h			
Hardness Change	<(-15)	-3	Points
Tensile Change	<(-50)	-22.5	%
Elongation Change	<(-30)	-15.4	%
Volume Change	<(+20)	4.3	%
Water Resistance, BS 903 A 16, 100 °C, 70 h			
Hardness Change	<(±5)	2	Points
Volume Change	<(±5)	1.3	%
Specific Gravity	---	1.35	Gm/cc

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