



Groot-Bijgaardenstraat 124
B-1620 Drogenbos

Material : Fluorosilicone Rubber

Suebel Code : FSL 2

Physical properties	nominal	actual	units
Hardness BS ISO-48, 23 °C	70-75	72	Shore A
Tensile strength BS ISO-37, 23 °C	> 7.58	8	Mpa
Elongation at break BS ISO-37, 23 °C	> 225	300	%
Compression set BS ISO-815, 177 °C, 22 h, 25 %	< 22	18.2	%
Air Ageing BS ISO-188, 260 °C, 24 h			
Hardness Change	<(+5)	+2	Points
Tensile Change	<(-58)	-25	%
Elongation Change	<(-57)	-16.6	%
Fluid Resistance, ASTM OIL-3 BS ISO-1817, 150 °C, 70 h			
Hardness Change	<(-10)	-3	Points
Tensile Change	<(-35)	-25.5	%
Elongation Change	<(-30)	-25	%
Volume Change	<(+10)	+5.3	%
Specific Gravity BS ISO-1183, 23 °C	1.46 to 1.50	1.48	Gm/cc
Operating Temperature	-----	-63°C to +235°C	

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