



Groot-Bijgaardenstraat 124
B-1620 Drogenbos

Material : Polyacrylic Rubber

Suebel Code : PC 4B

Revision date : 01/04/2014

Physical properties	nominal	actual	units
Hardness BS ISO-48, 23 °C	70-75	72	Shore A
Tensile strength BS ISO-37, 23 °C	> 81.6	102	Kg/Cm ²
Elongation at break BS ISO-37, 23 °C	> 150	300	%
Compression set BS ISO-815, 150 °C, 22 h, 25 %	< 30	25	%
Air Ageing BS ISO-188, 150 °C, 70 h			
Hardness Change	<(+10)	+2	Points
Tensile Change	<(-25)	-12	%
Elongation Change	<(-30)	-14.5	%
Fluid Resistance, ASTM Oil-1 BS ISO-1817, 150 °C, 70 h			
Hardness Change	-5 to+10	+3	Points
Tensile Change	<(-20)	-14	%
Elongation Change	<(-30)	-16.2	%
Volume Change	-5 to +5	-1.75	%
Fluid Resistance, ASTM Oil-3 BS ISO-1817, 150 °C, 70 h			
Hardness Change	<(-15)	-3	Points
Tensile Change	<(-40)	-20	%
Elongation Change	<(-40)	-22	%
Volume Change	<(+25)	+5.1	%
Fluid Resistance, Liquid-100 BS ISO-1817, 150 °C, 70 h			
Hardness Change	-5 to+15	+2	Points
Tensile Change	<(-20)	-13	%
Elongation Change	<(-20)	-14.5	%
Volume Change	-3 to +5	+3	%
Specific Gravity BS ISO-1183, 23 °C	---	1.49	Gm/cc
Ash Content 800°C, 2 Hrs	---	4.15	%
Operating temp.	-30°C To +160°C		

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