



Manufacturer of Seals for Hydraulic, Pneumatic and Rotary applications

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Material : Fluorosilicone Rubber

Spareage Code : FSL 1

Revision date : 01/03/2009

Physical properties	nominal	actual	units
Hardness ASTM D 2240, 23 °C	80-85	82	Shore A
Tensile strength ASTM D 412, 23 °C	> 7.5	8	Mpa
Elongation at break ASTM D 412, 23 °C	> 150	270	%
Compression set ASTM D 395, 177 °C, 22 h, 25 %	< 15	11.5	%
Air Ageing ASTM D 573, 260 °C, 24 h			
Hardness Change	<(+5)	+2	Points
Tensile Change	<(-58)	-25	%
Elongation Change	<(-57)	-26	%
Fluid Resistance, ASTM OIL-3 ASTM D 471, 150 °C, 70 h			
Hardness Change	<(-10)	-3	Points
Tensile Change	<(-35)	-27	%
Elongation Change	<(-30)	-22	%
Volume Change	<(+10)	+5.3	%
Specific Gravity ASTM D 792, 23 °C	1.53 to 1.57	1.55	Gm/cc