



Manufacturer of Seals for Hydraulic, Pneumatic and Rotary applications

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Material : Perfluoroelastomer

Spareage Code : FFKM-1

Revision date : 01/04/2014

Physical properties	nominal	actual	units
Hardness ASTMD-2240, 23 °C	70-80	75	Shore A
Tensile strength ASTMD-412,23 °C	> 112.2	160	Kg/Cm ²
Elongation at break ASTMD-412,23 °C	> 125	150	%
Compression set ASTMD-395B- 200°C, 70 h, 25 %	< 35	25	%
Air Ageing ASTMD-573,300°C, 70 h			
Hardness Change	<(±15)	+3	Points
Tensile Change	<(±30)	-12.5	%
Elongation Change	<(-50)	-20.5	%
Fluid Resistance, ASTM Oil-3 ASTMD-471,150 °C, 70 h			
Volume Change	<(±10)	+3.1	%
Specific Gravity ASTM-D297	---	2.00	Gm/cc
Operating Temperature	-2°C To +300°C		
T.R-10 Temperature retraction	-2°C		