

Material : Aflas Polymer (FEPM)

MAX SPARE Code : AF 80

Physical properties	Nominal	Units
Hardness ASTM D 2240, 23°C	80-85	Shore A
Tensile strength ASTM D 412, 23°C	> 14	MPa
Elongation at break ASTM D 412, 23°C	> 150	%
Compression set ASTM D 395, 200°C, 22 h, 25 %	< 40	%
Air Ageing ASTM D 573, 200°C, 70 h		
Hardness Change	<(±10)	Points
Tensile Change	<(-45)	%
Elongation Change	<(-45)	%
Hot water, steam resistance ASTM D 471, 180°C, 70 h		
Hardness Change	-10 to +5	Points
Tensile Change	<(-50)	%
Elongation Change	<(-60)	%
Volume Change	0 to +20	%
Fluid Resistance, IRM-903 ASTM D 471, 175°C, 70 h		
Hardness Change	-15 to +10	Points
Tensile Change	<(-50)	%
Elongation Change	<(-50)	%
Volume Change	0 to +25	%
Ozone resistance 50pphm / 40° C / 70hrs	No crack	-
Service Temperature	-10 to 200	°C

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