



## Material : Aflas Polymer (FEPM)

**MAX SPARE Code : AF 90**

Physical properties	Nominal	Units
<b>Hardness</b> ASTM D 2240, 23°C	90-95	Shore A
<b>Tensile strength</b> ASTM D 412, 23°C	> 14	Mpa
<b>Elongation at break</b> ASTM D 412, 23°C	> 100	%
<b>Compression set</b> ASTM D 395, 200°C, 22 h, 25 %	< 40	%
<b>Air Ageing</b> ASTM D 573, 200°C, 70 h		
Hardness Change	<(±10)	Points
Tensile Change	<(-45)	%
Elongation Change	<(-45)	%
<b>Hot water, steam resistance</b> ASTM D 471, 180°C, 70 h		
Hardness Change	-10 to +5	Points
Tensile Change	<(-50)	%
Elongation Change	<(-60)	%
Volume Change	0 to +20	%
<b>Fluid Resistance, IRM-903</b> ASTM D 471, 175°C, 70 h		
Hardness Change	-15 to +10	Points
Tensile Change	<(-50)	%
Elongation Change	<(-50)	%
Volume Change	0 to +25	%
<b>Ozone resistance</b> 50pphm / 40° C / 70hrs		
	No crack	-
<b>Service Temperature</b>	-10 to 200	°C

### Disclaimer

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