

## Material : Styrene Butadiene Rubber

### Spareage Code : SB 4B

Revision date : 01/04/2015

Physical properties	nominal	actual	units
<b>Hardness</b> BS 903 A 26, 23 °C	70-75	72	Shore A
<b>Tensile strength</b> BS 903 A 2, 23 °C	> 142.8	160	Kg/Cm <sup>2</sup>
<b>Elongation at break</b> BS 903 A 2, 23 °C	> 300	450	%
<b>Compression set</b> BS 903 A 6, 70 °C, 22 h, 25 %	< 25	21.0	%
<b>Air Ageing</b> BS 903 A 19, 100 °C, 70 h			
<b>Hardness Change</b>	<(+10)	+2	Points
<b>Tensile Change</b>	<(-25)	-9.3	%
<b>Elongation Change</b>	<(-25)	-17.7	%
<b>Specific Gravity</b> BS 903 A 1, 23 °C	---	1.181	Gm/cc
<b>Ash Content</b> 800°C, 2 Hrs	---	7.25	%