

## Material Data Sheet | **SBR**

**SBR** exhibits good resistance to abrasion, Water, moderate chemicals, organic acids, alcohols, Ketones, and aldehydes. However, it is known for poor reaction to ozone, sunlight, strong acids, fats, oils, and fire.

TECHNICAL INFORMATION	
<b>Common Names</b>	SBR, GRS
<b>Adhesion to Metals</b>	Excellent
<b>Military (MIL STD 417)</b>	RS
<b>Chemical Definition</b>	Styrene Butadiene
<b>Tensile Range (P.S.I)</b>	500 – 3000
<b>Oil Resistance</b>	Poor
<b>Durometer Range (Shore A)</b>	50 – 80
<b>Compression Set</b>	Good
<b>High Temperature Usage (F°)</b>	to 225°
<b>Abrasion Resistance</b>	Excellent
<b>Tear Resistance</b>	Fair
<b>Solvent Resistance</b>	Poor
<b>Resilience – Rebound</b>	Good
<b>Aging Weather – Sunlight</b>	Poor
<b>Elongation (max. %)</b>	600
<b>ASTM D-2000 Classification</b>	AA, BA
<b>Low Temperature Usage (F°)</b>	0° to -50°

