

	SBR or GR-S or Buna S
Chemical Name	Styrene
Material Designation	AA
ASTM D-735,SAE J-14 & MIL-R-3065	R(S)
ASTM D-1418 Designation	SBR
Tensile Strength (psi) Pure Gum	Below 1000
Black Loaded Stocks	Over 2000
Hardness Range (Durometer A)	40-90
Specific Gravity (Base Material)	0.94
Adhesion to Metals	Excellent
Adhesion to Fabrics	Good
Tear Resistance	Fair
Abrasion Resistance	Good to Excellent
Compression Set	Good
Resilience Cold	Good
Hot	Good
Dielectric Strength	Good
Electrical Insulation	Good
Impermeability to Gases	Fair
Acid Resistance Dilute	Fair to Good
Concentrated	Fair to Good
Solvent Resistance Aliphatic Hydrocarbons	Poor
Aromatic Hydrocarbons	Poor
Oxygenated (Kentones, etc.)	Poor
Lacquer Slovents	Poor
Resistance To: Swelling in Lubricating Oil	Poor
Oil and Gasoline	Poor
Animal Oils	Poor
Water Absorption	Very Good
Oxidation	Fair
Ozone	Poor
Sunlight Aging	Poor
Heat Aging	Good
Low Temperature	Very Good
Flame	Poor
Vegetable Oils	Poor
Chlorinated Hydrocarbons	Poor