

		Natural Rubber
Chemical Name		Polyisoprene
Material Designation		AA
ASTM D-735,SAE J-14 & MIL-R-3065		R(N)
ASTM D-1418 Designation		NR
Tensile Strength (psi)	Pure Gum	Over 3000
	Black Loaded Stocks	Over 3000
Hardness Range (Durometer A)		30-90
Specific Gravity (Base Material)		0.93
Adhesion to Metals		Excellent
Adhesion to Fabrics		Excellent
Tear Resistance		Very Good
Abrasion Resistance		Excellent
Compression Set		Excellent
Resilience	Cold	Excellent
	Hot	Excellent
Dielectric Strength		Excellent
Electrical Insulation		Good to Excellent
Impermeability to Gases		Good
Acid Resistance	Dilute	Fair to Good
	Concentrated	Fair to Good
Solvent Resistance	Aliphatic Hydrocarbons	Poor
	Aromatic Hydrocarbons	Poor
	Oxygenated (Ketones, etc.)	Poor
	Lacquer Solvents	Poor
Resistance To:	Swelling in Lubricating Oil	Poor
	Oil and Gasoline	Poor
	Animal Oils	Poor
	Water Absorption	Very Good
	Oxidation	Good
	Ozone	Poor
	Sunlight Aging	Poor
	Heat Aging	Fair to Good
	Low Temperature	Very Good
	Flame	Poor
	Vegetable Oils	Poor
	Chlorinated Hydrocarbons	Poor