

		Nitrile or NBR or Buna-N
Chemical Name		Acrylonitrile
Material Designation		BF, BG, BK, CH
ASTM D-735, SAE J-14 & MIL-R-3065		SB, SA
ASTM D-1418 Designation		NBR
Tensile Strength (psi)	Pure Gum	Below 1000
	Black Loaded Stocks	Over 2000
Hardness Range (Durometer A)		40-95
Specific Gravity (Base Material)		1.00
Adhesion to Metals		Excellent
Adhesion to Fabrics		Good
Tear Resistance		Fair
Abrasion Resistance		Good
Compression Set		Good
Resilience	Cold	Good
	Hot	Good
Dielectric Strength		Poor
Electrical Insulation		Poor
Impermeability to Gases		Good
Acid Resistance	Dilute	Good
	Concentrated	Good
Solvent Resistance	Aliphatic Hydrocarbons	Excellent
	Aromatic Hydrocarbons	Good
	Oxygenated (Ketones, etc.)	Poor
	Lacquer Solvents	Fair
Resistance To:	Swelling in Lubricating Oil	Very Good
	Oil and Gasoline	Excellent
	Animal Oils	Excellent
	Water Absorption	Good
	Oxidation	Good
	Ozone	Fair
	Sunlight Aging	Poor
	Heat Aging	Good
	Low Temperature	Fair to Good
	Flame	Poor
	Vegetable Oils	Excellent
	Chlorinated Hydrocarbons	Fair