

		EPDM or EP Rubber
<b>Chemical Name</b>		Ethylene Propylene
Material Designation		BA, CA, DA
ASTM D-735,SAE J-14 & MIL-R-3065		R(S)
ASTM D-1418 Designation		EPDM
Tensile Strength (psi)	Pure Gum	Below 1000
	Black Loaded Stocks	Over 2000
Hardness Range (Durometer A)		30-90
Specific Gravity (Base Material)		0.86
Adhesion to Metals		Good
Adhesion to Fabrics		Good
Tear Resistance		Fair
Abrasion Resistance		Good to Excelent
Compression Set		Good
Resilience	Cold	Good
	Hot	Very Good
Dielectric Strength		Outstanding
Electrical Insulation		Outstanding
Impermeability to Gases		Good
Acid Resistance	Dilute	Excellent
	Concentrated	Good
Solvent Resistance	Aliphatic Hydrocarbons	Poor
	Aromatic Hydrocarbons	Poor
	Oxygenated (Kentones, etc.)	Excellent
	Lacquer Slovents	Fair to Good
Resistance To:	Swelling in Lubricating Oil	Poor
	Oil and Gasoline	Poor
	Animal Oils	Fair
	Water Absorption	Excellent
	Oxidation	Excellent
	Ozone	Outstanding
	Sunlight Aging	Outstanding
	Heat Aging	Excellent
	Low Temperature	Excellent
	Flame	Poor
	Vegetable Oils	Fair
	Chlorinated Hydrocarbons	Poor