



Comparative Properties of Insulations: Rubber

P = Poor | F = Fair | G = Good | E = Excellent | O = Outstanding

Above ratings are based on average performance of compounds. Any specific property can often be improved by the use of selection compounding.

* Ethylene Propylene Diene Monomer

** Chlorosulfonated Polyethylene

+ Nitrite or Butadiene Acryloritrile

	EPDM*	HYPALON**	NATURAL	NBR+	NEOPRENE	POLYTADIENE	SBR++	SILICONE	SYNTHETIC NATURAL
Acid Resistance	G to E	E	F to G	G	G	F to G	F to G	F to G	F to G
Abrasion Resistance	G	G	E	G to E	G to E	E	G to E	F	E
Alcohol Resistance	P	G	G	E	F	F to G	F	G	G
Alkali Resistance	G to E	E	F to G	F to G	G	F to G	F to G	F to G	F to G
Benzol (Aromatic Hydrocarbons) Resistance	F	F	P	G	P to F	P	P	P	P
Degreaser Solvents (Halogenated Hydrocarbons)	P	P to F	P	P	P	P	P	P to G	P
Electrical Properties	E	G	E	P	F	P	P	O	E
Flame Resistance	P	G	P	P	G	P	P	F to G	P
Gasoline, Kerosene (Aliphatic Hydrocarbons) Resistance	P	F	P	E	G	P	P	P to F	P
Heat Resistance	E	E	F	G	G	F	F to G	O	F
Low Temperature Flexibility	G to E	F	G	F	F to G	E	F to G	O	E
Nuclear Radiation Resistance	G	G	F to G	F to G	F to G	P	F to G	E	F to G
Oil Resistance	F	G	P	G to E	G	P	P	F to G	P
Oxidation Resistance	G	E	F	F	G	G	F	E	G
Ozone Resistance	E	E	P	P	G	P	P	O	P
Water Resistance	G to E	G to E	G to E	G to E	G	E	G to E	G to E	E
Weather - Sun Resistance	E	E	F	F to G	G	F	F	O	F

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