

## COMPARATIVE PROPERTIES OF INSULATIONS: RUBBER

EPDM*	Hypalon**	Natural	NBR+	Neoprene	Polytadiene	SBR++	Silicone	Synthetic Natural
<b>Acid Resistance</b>								
G to E	E	F to G	G	G	F to G	F to G	F to G	F to G
<b>Abrasion Resistance</b>								
G	G	E	G to E	G to E	E	G to E	F	E
<b>Alcohol Resistance</b>								
P	G	G	E	F	F to G	F	G	G
<b>Alkali Resistance</b>								
G to E	E	F to G	F to G	G	F to G	F to G	F to G	F to G
<b>Benzol (Aromatic Hydrocarbons) Resistance</b>								
F	F	P	G	P to F	P	P	P	P
<b>Degreaser Solvents (Halogenated Hydrocarbons)</b>								
P	P to F	P	P	P	P	P	P to G	P
<b>Electrical Properties</b>								
E	G	E	P	F	P	P	O	E
<b>Flame Resistance</b>								
P	G	P	P	G	P	P	F to G	P
<b>Gasoline, Kerosene (Aliphatic Hydrocarbons) Resistance</b>								
P	F	P	E	G	P	P	P to F	P
<b>Heat Resistance</b>								
E	E	F	G	G	F	F to G	O	F
<b>Low Temperature flexibility</b>								
G to E	F	G	F	F to G	E	F to G	O	E
<b>Nuclear Radiation Resistance</b>								
G	G	F to G	F to G	F to G	P	F to G	E	F to G
<b>Oil Resistance</b>								
F	G	P	G to E	G	P	P	F to G	P
<b>Oxidation Resistance</b>								
G	E	F	F	G	G	F	E	G
<b>Ozone Resistance</b>								
E	E	P	P	G	P	P	O	P
<b>Water Resistance</b>								
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

**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 Acrylonitrile