

Elastomer Compound Performance Properties

Property	Nitrile (Buna-N)	Ethylene-Propylene (EPDM)	Silicone	Flouroelastomer (Viton)	Teflon
Tensile Strength	Fair-Good	Good-Excellent	Good	Good-Excellent	Excellent
Electrical Properties	Fair-Good	Excellent	Excellent	Good	Excellent
Weather Resistance	Fair-Good	Excellent	Excellent	Good	Excellent
Ozone Resistance	Fair	Excellent	Excellent	Excellent	Excellent
Heat Resistance	Good (225°F)	Excellent (275°F)	Excellent (450°F)	Excellent (400°F)	Excellent (450°F)
Cold Resistance	Fair-Good (-40°F)	Good-Excellent (-55°F)	Excellent (-80°F)	Good (-20°F)	Fair (-110°F)
Steam Resistance	Good	Good	Good	Good	Excellent
Tear Resistance	Good	Good	Excellent	Fair	Excellent
Abrasion Resistance	Good	Good-Excellent	Good-Excellent	Good	Excellent
Acid Resistance	Good	Good-Excellent	Good	Good	Excellent
Petroleum Oil	Excellent	Poor	Good	Excellent	Excellent
Flame Resistance	Poor	Poor	Poor	Good	Excellent
Vegetable Oil	Good	Good (Most)	Good	Excellent (Intermittent)	Excellent

Note: This information was collected from a variety of sources and should be considered as a general guide only. Andron Stainless Corporation assumes no responsibility for the accuracy of this information.