

Nipol® 1031

Acrylonitrile Butadiene Rubber

Zeon Chemicals L.P.

Message:

NIPOL® NITRILE ELASTOMERS (NBR) are recommended when oil or solvent resistance is needed for the proper functioning of rubber parts. Nipol nitrile elastomers are available in a broad range of acrylonitrile content to ensure optimal performance in a variety of conditions. As acrylonitrile content is increased, fuel, oil and solvent resistance improve; low-temperature flexibility and resiliency are improved as butadiene content increases. To obtain a broad spectrum of hardnesses and other essential properties, Nipol elastomers can be blended to achieve optimal performance. Nipol elastomers are the best value for all but the most demanding oil, heat and chemical applications and are available in powder, crumb, liquid and bale forms. Nipol nitrile elastomers are especially suitable for thermoplastics and thermoset modification; they are also used as additives in coatings and adhesives.

Special Properties/Applications

Excellent fuel and water resistance. Very low corrosion to metals.

General Information		
Features	Fuel Resistant	
	Moisture Resistant	
	Oil Resistant	
	Solvent Resistant	
Uses	Additive	
	Plastics Modification	
Forms	Bale	
	Crumb	
	Liquid	
	Powder	
Physical	Nominal Value	Unit
Specific Gravity	0.998	g/cm ³
Mooney Viscosity	55 to 70	MU
ACN Content	41	%

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Recommended distributors for this material

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