

Nipol® NX775

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

Scorch resistance for excellent processing with conventional coated zinc oxides. High-performance injection molding, rolls, calendered belting and extruded hose. Fast cure rate. Carboxyl content is 0.083 EPHR.

General Information	
Features	Fast Cure
	Good Processability
	Oil Resistant
	Solvent Resistant
Uses	Additive
	Belts/Belt Repair
	Hose
	Plastics Modification
Forms	Bale
	Crumb
	Liquid
	Powder
Processing Method	Calendering
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit
Specific Gravity	0.978	g/cm ³
Mooney Viscosity	35 to 53	MU
ACN Content	27	%

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