

Nipol® 1401LG

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

Ground crumb with silica partitioning agent. Good solubility for use in adhesive applications.

General Information	
Filler / Reinforcement	Silica
Features	Oil Resistant
	Solvent Resistant
Uses	Additive
	Adhesives
	Plastics Modification
Forms	Bale
	Crumb
	Liquid
	Powder

Physical	Nominal Value	Unit	
Mooney Viscosity ¹	70 to 90	MU	
ACN Content	41	%	
Viscosity - Cement	1.00 to 10.0	Pa · s	
Median Particle Size	9.50	mm	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-18.0	°C	DSC
NOTE			

1. Measured on the base nitrile portion.

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Recommended distributors for this material

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