

Nipol® 1432

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

Used in adhesives and coatings. Contains a solution vinyl resin partitioning agent.

General Information			
Features	Oil Resistant		
	Solvent Resistant		
Uses	Additive		
	Adhesives		
	Coating Applications		
	Plastics Modification		
Forms	Bale		
	Crumb		
	Liquid		
	Powder		
Physical	Nominal Value	Unit	
Mooney Viscosity ¹	75 to 90	MU	
ACN Content	33	%	
Viscosity - Cement	2.00 to 10.0	Pa · s	
Median Particle Size	9.50	mm	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-35.0 to -25.0	°C	DSC
NOTE			

1. Measured on the base nitrile portion.

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Recommended distributors for this material

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