

Nipol® AR 51

Rubber

Zeon Corporation

Message:

Acrylic rubber, a specialty rubber that uses alkyl acrylate as a primary component, affords outstanding resistance to heat, oil (lubricants) and weather. It withstands use over long periods of time at high temperatures of 150 to 175°C, providing outstanding heat resistance at a level just below fluoro-contained rubber and silicone rubber. Therefore, it is used in a wide range of applications, such as hoses, tubes, seals, and gaskets for automobiles and general industrial machinery. A new grade featuring improved heat resistance has been recently developed and is expected to support even more extensive applications in the future.

Characteristics & Applications

AR-31 type with shortened post curing time. Products feature improved compression set, hot tear resistance, corrosion property and extrusion molding.

General Information			
Features	Good Weather Resistance		
	High Heat Resistance		
	Low Temperature Resistant		
	Oil Resistant		
Uses	Automotive Applications		
	Gaskets		
Physical	Nominal Value	Unit	
Specific Gravity	1.11	g/cm ³	
Mooney Viscosity	55	MU	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-14.0	°C	DSC

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