

Nipol® AR 42W

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

Standard temperature resistant polymer with shortened post curing time. Improved compression set.

General Information			
Features	Good Weather Resistance		
	High Heat Resistance		
	Oil Resistant		
Physical	Nominal Value	Unit	
Specific Gravity	1.10	g/cm ³	
Mooney Viscosity	34	MU	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-26.0	°C	DSC

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