

Nipol® AR 14

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

Cold resistant version of AR12.

| General Information | | | |
|------------------------------|---------------------------|-------|-------------|
| Features | Durable | | |
| | Good Weather Resistance | | |
| | High Heat Resistance | | |
| | Low Temperature Resistant | | |
| | Oil Resistant | | |
| Physical | Nominal Value | Unit | |
| Specific Gravity | 1.11 | g/cm³ | |
| Mooney Viscosity | 33 | MU | |
| Thermal | Nominal Value | Unit | Test Method |
| Glass Transition Temperature | -39.0 | °C | DSC |

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