

Ascend Sealing Technology Compound: H10180GR

Ascend Sealing has developed Hydrogenated Nitrile rubber (HNBR) to be the most cost-effective compound, without sacrificing performance for general usage. HNBR is one of the most popular material for sealing application. We specially formulated H10180GR for good resistance to common lubricants and oils with ideal mechanical properties. As for general purpose, H10180GR is a sulfur-cured compound with good balance between physical and chemical resistance.

Service Temperature: -31°F to 302°F (-35°C to 150°C)

Ascend Sealing provides a wide range of HNBRs. For additional technical support, please contact us at customer_service@ascendsealing.com.

Compatible

- Vegetable oils
- Water and steam to 150°C (302°F)
- Petroleum based oils and fuels
- Silicone oils and greases
- Ethylene glycol
- Dilute acids, bases and salt solutions to moderate temperatures
- Aliphatic hydrocarbons

Incompatible

- Esters
- Strong acids
- Ketones
- Ethers
- Chlorinated hydrocarbons

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Statement and recommendation provided in this data sheet correspond to Ascend Sealing Technology's best knowledge on the subject at the date of its publication. The user should conduct their own analysis and testing and is solely responsible for making the final selection of the system and component. Since Ascend Sealing Technology cannot anticipate all the application parameters in actual conditions, we do not guarantee the results and assume no liability in connection with any use of this information.

