

HNBR3318

Product Description

HNBR3318 is a partially saturated hydrogenated butadiene-acrylonitrile polymer. Its vulcanized products have outstanding oil resistance, heat resistance, ozone resistance, dynamic and mechanical properties, which can be applied to automobile, air conditioning, aviation, chemical and other industries.

Technical Data

Property	Units	HNBR3318	Test Method
Product appearance	/	Pale yellow solid	Visual test
Degree of hydrogenation	%	95.0±0.5	IR Spectroscopy
Mooney viscosity	MU	78.0±5.0	ISO 289 / ASTM D 1646
ML(1+4)100°C			
ACN content	wt%	33.0±1.5	ISO 24698-1
Volatile matter content	wt%	≤0.5	ISO 248
Ash content	wt%	≤0.8	ISO 247

Application Method

The product can be used in rubber products such as timing belts that require excellent aging resistance and dynamic performance. It is recommended to use peroxide vulcanization system, which can be processed by mixing machine and vulcanization machine.

Package

25 kg/bag, PE bag sealed packaging or other specifications.

Safety

This product is a stable solid polymer, harmless to human animals, plants and the ecological environment. For safety data, refer to the MSDS of the product.

Storage

Dry, ventilated warehouse. Avoid direct sunlight, moisture and pollution; Shelf life is three years.

Legal Statement

For detailed product compliance information, please contact customer service.

This product is not intended for use in food contact applications.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. Given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification, it is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.