

HNBR-R-2275 TECHNICAL DATASHEET

Overview

HNBR-R-2275 is a sustainable solution, produced from unusable HNBR materials, including scraps, sprue, runners, flash, or even used HNBR products. Unlike traditional powdered fillers, HNBR-R-2275 comes in solid sheet form, making it efficient without compromising performance.

This versatile material cannot be immediately utilized, with the flexibility for your team to adjust its formulation to meet your specific needs. For O-ring, seals or gasket production, when aiming to achieve the same level of performance as virgin HNBR compounds, it is recommended to blend HNBR-R-2275 in a range of 30% to 60% with virgin HNBR, adding curing agents at your formula is possible with the ideal results. This formula ensures the final product's performance are matched with virgin HNBR compounds.

HNBR-R-2275 serves as a cost-effective option while enhancing properties. It can be directly added to HNBR compounds before vulcanization, with small to substantial additions possible without significant losses in physical properties. A sustainable choice for both performance and economy.

Typical Characteristics

Product Description: HNBR waste recycled into sheet form.

Appearance: Solid

Physical state: Solid

Colour: Black.

Cure System: sulfur/sulfur-donor.

Hardness, Shore A: 75±5

Application/ How to Use

1. **Evaluation of Application:** Before use, evaluate the specific application's requirements, including HNBR compound formulation and performance goals.
2. **Material Blending:** Determine the ideal blending ratio of HNBR-R-2275 with your virgin HNBR compound. A recommended range is 30% to 60% HNBR-R-2275 to virgin HNBR for achieving equivalent performance.
3. **Material Adjustment:** Modify the material's formulation to meet your specific needs. This adjustment should be based on your performance and cost-saving goals.
4. **Addition Before Vulcanization:** HNBR-R-2275 should be incorporated into the HNBR compound before vulcanization. This ensures that it effectively becomes part of the final product.
5. **Control Cost:** Use HNBR-R-2275 as a cost controller. By utilizing this sustainable filler, you can optimize your material costs while maintaining product quality.
6. **Flexible Additions:** Whether for waste reduction or performance enhancement, HNBR-R-2275 offers flexibility in the percentage of addition. Small to large additions can be made without compromising physical properties.

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Note: Always follow your specific application guidelines and safety measures when working with HNBR compounds.

Shelf Life

Nominally 15 years.

Packaging

You have the flexibility to customize the portion size according to your demand. Each portion will be securely wrapped in plastic for protection.

Packaging Specifications:

- Can be done in rolls or sheets.
- HNBR-R-2275 are packaged in cardboard boxes.
- Each cardboard boxes weights 25kg
- For bulk orders, each pallet contains a total of 1,000 kilograms of HNBR-R-2275.

Please note that these packaging options can be tailored to meet your specific requirements, ensuring convenient handling and storage.

Health & Safety

Thorough guidance pertaining to the Health & Safety aspects of this product is contained within the Safety Datasheet for HNBR-R-2275. This document is readily accessible for immediate download through our website's dedicated product section. Alternatively, you may request a copy of the SDS directly from our organization.

Please do not hesitate to contact us for any further inquiries or assistance. We are unwavering in our commitment to prioritize your safety and well-being.

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