

FKR-2275UP TECHNICAL DATASHEET

Overview

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

This versatile material can be immediately utilized, with the flexibility for your team to adjust its formulation to meet your specific needs. Whether used directly or as a filler in combination with virgin FKM rubber compounds, the performance aligns with virgin FKM. It's important to note that when employed for direct production, there is a higher possibility of burrs forming.

FKR-2275UP serves as a cost-effective option while enhancing properties. It can be directly used in production or it could be added to FKM 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: FKM waste recycled into sheet form.

Appearance: Solid

Physical state: Solid

Colour: Customizable, typically in Black or Brown.

Cure System: Bisphenol

Hardness, Shore A: 75±5

Application/ How to Use

1. **Evaluation of Application:** Before use, evaluate the specific application's requirements, including FKM compound formulation and performance goals.
2. **Material Blending:** Determine the ideal blending ratio of FKR-2275UP with your virgin FKM compound. A recommended range is 60% to 80% FKR-2275UP to virgin FKM for achieving equivalent performance and quality.
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:** FKR-2275UP should be incorporated into the FKM compound before vulcanization. This ensures that it effectively becomes part of the final product.
5. **Control Cost:** Use FKR-2275UP 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, FKR-2275UP 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 FKM compounds.

Shelf Life

Nominally 20 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.
- FKR-2275UP are packaged in cardboard boxes.
- Each cardboard boxes weights 25kg
- For bulk orders, each pallet contains a total of 1,000 kilograms of FKR-2275UP.

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 FKR-2275UP. 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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