



SZG-PDS-NA-Neuphor 645-R2

Neuphor™ 645 sizing agent

Product Description

Neuphor™ 645 sizing agent is an anionic dispersed rosin size designed for use in the manufacture of paper and paperboard. This product utilizes an improved stabilizing system, compared with conventional dispersed sizing products, which translates to improved handling and storage characteristics for the papermaker. The product is also freeze-thaw stable.

Neuphor 645 provides improved efficiency over normal dispersed sizes, and will also cost-effectively replace conventional rosin soap sizes in most paper and paperboard applications. The product requires alum for efficient sizing, and will operate over a relatively wide range of papermaking pH conditions.

Product Application

At pH 4.5, Neuphor 645 can be efficiently substituted for fluid size. Optimum sizing efficiency at near-neutral pH is obtained by adding Neuphor 645 simultaneously with the alum to thick stock after refining. Best results are usually obtained with alum addition of not less than 10 lbs/ton. During operation at low-alum furnishes in the near-neutral pH range, a cationic resin should be used for retention.

Neuphor 645 can be metered as received and randomly diluted just prior to addition to the stock. If dilution is required before the dispersed size is metered, water of less than 100-ppm hardness should be used. To obtain the complete details on the handling of Neuphor 645, contact your Solenis representative.

Neuphor 645 is to be used in accordance with control procedures Solenis establishes for a specific application.

Benefits

- High solids reduces inventory and freight costs
- Excellent handling characteristics
- Excellent storage stability
- Freeze-thaw stable

Packaging

This product is available in a variety of packaging sizes. Your Solenis representative will recommend the appropriate packaging for the application.

Important Information

Typical Properties: Refer to the Safety Data Sheet (SDS).

Regulatory Information: Refer to the SDS or contact your sales representative for any additional regulatory and environmental information.

Safety: Solenis maintains an SDS for all of its products. Use the health and safety information contained in the SDS to develop appropriate product handling procedures to protect your employees and customers.

Our SDS should be read and understood by all of your supervisory personnel and employees before using Solenis products in your facilities.