



WSR-PDS-NA-Kymene 920A-R2

Kymene™ 920A wet strength resin

Product Description

Kymene™ 920A wet strength resin is a high-efficiency wet strength resin that is low in absorbable organic halides (AOX). It is a 20% active solids product developed for use in towel, napkin and facial grades where a higher degree of wet-strength efficiency is desired relative to conventional low-AOX Kymene products.

Kymene 920A delivers significantly higher wet-strength performance than conventional resin technology, affording the papermaker a wider range of options – ranging from enhanced sheet attributes to lower cost-in-use.

This level of performance is made possible by higher mole functionality on the resin polymer through both polymer optimization and precise functional group selection. Increased wet-strength development on the order of 12-18% is expected versus development gained through standard efficiency low-AOX resin, on an equal solids basis.

The performance obtained by Kymene 920A is done with shelf life and temperature stability comparable to other high-solids standard-efficiency low-AOX resins. Prevailing mill broke procedures will also be satisfactory for a Kymene 920A program.

Product Application

Kymene 920A is fed undiluted, as-received to the current point of product injection. At this point, in-line dilution at 1:10 parts with good quality clean water should occur, coupled with an inline static mixer.

Precise dosage rates must be determined from field studies and testing, but can be expected to be on the order of 85 to 90% of current active solids feedrates.

Your Solenis representative will be able provide the necessary diagnosis and monitoring necessary to deliver optimum program results.

Kymene 920A wet-strength resin is to be used in accordance with control procedures Solenis has established for a specific application.

Benefits

- Lower cost-in-use at equivalent wet tensile development
- Lower feed rates at equivalent performance will provide savings in freight costs and optimize stored inventory
- Opportunity to enhance wet-tensile attributes in finished product at equivalent cost in use
- Ability to lower the dry-tensile effort to achieve the same wet-tensile performance

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.