



STL-PDS-NA-Hercon 100-R2

## Hercon™ 100 sizing agent

### Product Description

Hercon™ 100 sizing agent is an emulsion of alkyl ketene dimer that imparts water resistance to fiber surfaces. Hercon 100 is a cationic polymer with an affinity for cellulose fibers. However, it has minimal interference with wet-end optical whitening agents. Additional cationic promoter resin or cationic starch may be added to boost retention onto fibers.

Sizing on paper machines develops rapidly during drying. This provides a consistent sheet for controlling pickup of size press or calendar solutions. Full sizing is attained off the rewinder.

### Product Application

Hercon 100 is a low-viscosity, aqueous emulsion that is easily pumpable. Dilution with water is recommended prior to addition to promote mixing. Optimum performance is obtained from pH 7.4-8.5 and with at least 150 ppm of total alkalinity.

As Hercon 100 ages, some loss in efficiency can occur. Storing the material in a cool area will prolong shelf life. Do not expose to temperatures over 90 °F or shelf life will be greatly reduced. Do not allow product to freeze.

Hercon 100 is to be used in accordance with control procedures Solenis establishes for a specific application.

### Benefits

- High efficiency, hydrophobic resin
- Water-based emulsion
- Rapid sizing development
- Low viscosity, easy to pump liquid

### 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.