ULTRAKİM

NEVOSOFT® WS 380

Hydrophilic Textile Softener

Technical Data Sheet

NEVOSOFT®

Characteristics

Self-dispersible polyether-amino functional polydimethylsiloxane emulsion.

Properties

- ✓ Imparts hydrophilicity to the finished fabrics
- ✓ Yields flexible, smooth and filled touch to the fabrics
- ✓ Improves the wear comfort of textiles
- ✓ Allows perfect hand properties and unrestricted moisture transport within the fabric
- ✓ Ensures better exhaustibility and wash resistance than glycol- and quat-functional polysiloxanes due to its strong fastening property
- ✓ Does not cause color change
- ✓ Does not affect the fastness of colored goods
- ✓ Provides high resistance to the shearing and alkaline mediums

Application

NEVOSOFT® WS 380 is used as a softener for all kinds of textile fabrics. The product imparts very soft touch to fabrics due to hydrophilic properties of its active ingredients. NEVOSOFT® WS 380 generally does not cause any change on the hydrophilic properties of substrates such as cellulosics but on the other hand, there is an obvious improvement in the wetting properties of hydrophobic substrates such as polyesters.

NEVOSOFT® WS 380 can also be used to provide a silk like soft, supple and smooth hand to the woven and knitwear goods.

Technical Data

Appearance	Transparent, liquid
Solid content (%)	80 (±1)
pH	5,0–7,0

* These figures are only intended as a guide and should not be used in preparing specifications.

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants with the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials.

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Ultrakim Kimya San. ve Tic. A.S.
Haramidere Sanayi Sitesi M Blok
No: 322–324 Avcilar, 34840, Istanbul/Turkey
Tel: + 90 212 422 05 14
Fax: + 90 212 422 05 15
Email: info@ultrakim.com
www.ultrakim.com

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Processing

NEVOSOFT® WS 380 can be diluted with water for preparing solutions depending on the purpose or area of the application. It is recommended to dilute the product at the ratios 1:1.5 to 1:4.

Diluted NEVOSOFT® WS 380 can be applied by padding and exhaust methods to all kinds of textile fabrics. Recommended dosage for padding method is 10-30 g/l depending on the desired effect. For the exhaust method, 1-3% NEVOSOFT® WS 380 solution could be used based on the weight of the textile.

NEVOSOFT® WS 380 can also be used together with organic softeners, polyethylene waxes and other finishing agents. However, the compatibility tests should be done before the application. Due to the cationic structure of its active content, NEVOSOFT® WS 380 cannot be used together with anionic auxiliary substances.

Storage / Shelf Life

NEVOSOFT® WS 380 has a shelf life up to 9 months if stored in tightly closed original containers between 5-35°C. If the material is kept beyond the shelf life recommended, it is not necessarily unusable, but quality control should be performed on the properties relevant to the application. The containers must be protected against sunlight and frost.

Packaging

30, 60, 120 and 220 kgs plastic drums or 1,000 kgs IBC containers.

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Email: info@ultrakim.com
www.ultrakim.com