ULTRAKİM

NEVOSOFT® RA 3060-2 macro

Textile Softener

Technical Data Sheet

NEVOSOFT®

Characteristics

Non-ionic, amino functional polydimethylsiloxane emulsion.

Properties

- ✓ Provides special softness and slickness to the fabric
- ✓ Yields filled and permanent hand
- ✓ Ensures excellent sewability

Application

NEVOSOFT® RA 3060-2 macro is a silicone macro emulsion concentrate which is used as a base for the production of silicone emulsions in desired concentrations.

Silicone macro emulsions prepared with NEVOSOFT® RA 3060-2 macro can be used as a permanent softener and lubricant for all kind of textile fabrics. Due to their reactive structure, they provide soft, slippery and filled elastomeric touch to the fabrics. Besides, they help to improve the sewability of fabrics.

Technical Data

Appearance	White liquid
Solid content (%)	60 (±1)
Emulsifier type	Non-ionic
pH	8,0–10,0

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

Processing

According to the application, NEVOSOFT® RA 3060-2 macro can be diluted with demineralized water in any desired proportion.

Example dilution procedure;

- 100 parts NEVOSOFT® RA 3060-2 macro
- 50-300 parts Water
- 0.4 parts AcOH (100%)
- 0.1 % Preservative

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Editing Date: 07.03.13
Revision No/Date: 02/12.03.14

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Processing

According to the desired concentration, required amount of water will be added into NEVOSOFT® RA 3060-2 macro by stirring it gently. The finishing liquor should not be subjected to high shear, as this might cause instability.

Acetic acid and suitable preservative will be added homogenously into the dilution during the final stage. It is important to adjust the final pH value of the dilution between 5,0-6,0 by the addition of necessary amount of acetic acid.

It is recommended to filter the final softener emulsion by using a suitable filter.

Emulsion stability might decrease depending on the quality of water used; therefore diluted emulsions should be used in a reasonably short time.

Softener emulsions could be combined with all conventional cationic, nonionic softeners and other additives. However, the compatibility tests should be done before the application. Due to the cationic structure of its active material, diluted emulsions cannot be used together with anionic auxiliary substances.

Storage / Shelf Life

NEVOSOFT® RA 3060-2 macro 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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