ULTRAKİM

ULTRAMİN® 3700

Amino Functional Silicone Fluid

Technical Data Sheet

ULTRAMİN®

Characteristics

Reactive aminoethyl-aminopropyl functional polydimethylsiloxane.

Properties

✓ Provides especially slippery, soft and permanent elastic touch
✓ Improves ease of sewability

Application

ULTRAMİN® 3700 is particularly used as active substance in formulations of silicone emulsions for impregnation of textiles and fibers.

Silicone softener formulations containing ULTRAMİN® 3700 provide particularly slippery, soft and elastic hand to knitted and woven fabrics. The product is the most suitable softening agent for cotton fabrics and knitwear made of cotton or PES/cotton blends.

Technical Data

Appearance	Clear, liquid
Viscosity (23°C) (mPa.s)	5.000-10.000
Amine number (ml 1N HCl/g)	~ 0,3

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

Processing

ULTRAMİN® 3700 is mainly suitable for the formulations of both micro or macro emulsions. ULTRAMİN® 3700 can be used as sole active substance in softener emulsions or as a combination with other cationic and non-ionic softeners. It is recommended that compatibility tests should be done before each combined application.

Before being used emulsions of ULTRAMİN® 3700, they should be subjected to necessary stability tests. Required conditions for safe use should be considered to be fulfilled.

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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Storage / Shelf Life

ULTRAMİN® 3700 has a shelf life up to 12 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 200 kgs plastic drums or 1,000 kgs IBC containers.

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