ULTRAKİM

NEVOSIL® SF 30000

Silicone Fluid

Technical Data Sheet

NEVOSIL®

Characteristics

A linear dimethylpolysiloxane terminated with non-reactive trimethylsiloxy groups.

Properties

- ✓ Heat and oxidation stability
- ✓ Low viscosity, temperature dependence
- ✓ Constant thermal conductivity
- ✓ High compressibility
- ✓ Superior electrical properties
- ✓ Low pour point
- ✓ Non-toxic and non-corrosive
- ✓ Highest purity

Application

NEVOSIL® SF 30000 is used in the following areas;

- ✓ Brake fluids
- ✓ Lubricants
- ✓ Auto & house care products
- ✓ Mould release agents
- ✓ Heat transfer fluids
- ✓ Damping media
- ✓ Antifoam agents
- ✓ Dielectric coolants

Technical Data

Appearance	Clear, colorless liquid
Flash point (°C)	> 310
Surface tension (23°C) (mN/m)	~ 21,4
Density (23°C) (g/ml)	~ 0,97
Dynamic viscosity (23°C) (mPa.s)	~ 30.000
Refractive Index	~ 1,404

* 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.

Editing Date: 07.03.13
Revision No/Date: 01/16.11.15

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

ULTRAKİM

NEVOSIL® SF 30000

Silicone Fluid

Technical Data Sheet

NEVOSIL®

Processing

NEVOSIL® SF 30000 is miscible in any ratio with other silicone fluids having different viscosities. Thus; the final product's viscosity can be changed according to your individual needs.

NEVOSIL® SF 30000 is soluble in aliphatic and aromatic hydrocarbons, ethers, esters, ketones and higher alcohols in any proportion. However, it is not soluble in polar solvents (etc. water) and short chain alcohols since it is a non-polar liquid. If NEVOSIL® SF 30000 is desired to be mixed with solvents, compatibility and stability tests should be carried out.

Storage / Shelf Life

NEVOSIL® SF 30000 has a shelf life up to 12 months if stored in tightly closed original containers between 0-35°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 kgs plastic or 200 kgs metallic drums and 1,000 kgs IBC containers.

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.

Editing Date: 07.03.13
Revision No/Date: 01/16.11.15

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