



Product Information

LIPOXOL[®] 6000 Flakes

Chemical description

Polyethylene glycol

Distribuito da:



Tellerini s.p.a.

Via Bonazzi, 36
40013 Castel Maggiore (BO)
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Product data (specification)

| Property | Value | Unit | Test method |
|---|-------------|-----------|--------------|
| Appearance at 20 °C | solid * | - | visual |
| Colour number (APHA) (25 % in water) | ≤ 15 | mg Pt/l | DIN EN 1557 |
| Hydroxyl number | 17 - 21 | mg KOH/g | DIN EN 13926 |
| Average molar mass calculated from hydroxyl number | 5400 - 6600 | g/mol | - |
| pH (10 % in water) | 4.5 - 7.5 | - | USP/NF |
| Water content | ≤ 0.5 | % by mass | DIN EN 13267 |
| Viscosity at 20 °C (50 % in water) | 200 - 270 | mPa s | DIN 53105 |

For use in pharmacy and cosmetics we recommend our LIPOXOL MED grades.

* LIPOXOL 6000 is delivered in the form of white flakes.

General product description

| Property | Value | Unit | Test method |
|--|-------------|----------------------|-----------------|
| Bulk density (flakes) | about 0.49 | g/cm ³ | DIN 53466-A |
| Bulk density (powder) | about 0.55 | g/cm ³ | DIN 53466-A |
| Density at 20 °C (50 % in water) | about 1.090 | g/cm ³ | DIN 51757 |
| Acid number | ≤ 0.2 | mg KOH/g | DIN EN ISO 2114 |
| Solubility in water at 20 °C | about 500 | g/l | - |
| Ash content | about 0.05 | % by mass | DIN 51575 |
| Surface tension at 20 °C (50 % in water) | 54 - 57 | N/m 10 ⁻³ | - |
| Setting temperature | 55 - 61 | °C | DIN ISO 3841 |
| Flash point | about 250 | °C | DIN ISO 2592 |
| Ignition temperature | about 420 | °C | DIN 51794 |

Sasol Germany GmbH

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Managing Director: Dr.-Ing Thomas Tebroke Chairman of the Supervisory Board: Christian Schindler
Registered Office: Hamburg Registercourt: Amtsgericht Hamburg HRB 78475



Product Information

27.11.2024

LIPOXOL[®] 6000 Flakes

Transport and packaging

LIPOXOL 6000 flakes are supplied in polyethylene sacks á 25 kg palletised to 1 t or in big bags.
Road tankers (Melt).

Storage

Cool and dry in original package.
Stainless steel (Steel No. 1.4541 or 1.4571).

Data on material safety, as well as transport classes and data toxicology, can be obtained from the material data sheet.

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