



Product Information

LIPOXOL[®] 6000 Flakes

Chemical description

Polyethylene glycol

Distribuito da:



Tellerini s.p.a.

Via Bonazzi, 36
40013 Castel Maggiore (BO)
Tel: +39 051 6322111
Fax: +39 051 715380
sicurezza@tellerini.it
www.tellerini.it

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

Anckelmannsplatz 1, 20537 Hamburg Postal address: Postfach 26 18 05, 20508 Hamburg
Telephone: +49 40 63 684-1000 Telefax: +49 40 63 684-3700 info@de.sasol.com www.sasolgermany.de
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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