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CERTIQUALITY
È MEMBRO DELLA
FEDERAZIONE CISQ



SILICONE OIL350

POLYDIMETHYLSILOXANE - (INCI: DIMETHICONE)

PHYSICAL - CHEMICAL CHARACTERISTICS:

Chemical nature		POLYDIMETHYLSILOXANE (SILICONE)
Odour		ODOURLESS
Colour		COLOURLESS
Solubility		SOLUBLE IN AROMATIC HYDROCARBONS, ETHERS, KETONES
Density at 25°C	g/cm ³	0,970 ± 0,020
Surface tension at 25° C	Dine/cm	20 – 21
Viscosity availability (din. at 25°C)	mPa·s	350 ± 25

PROPERTIES:

- High compressibility
- Low vapour tension
- Low solidifying point
- Resistance to low and high temperature
- Low volatility
- Extremely low toxicity

APPLICATIONS:

- heat exchange fluid – temperature bath
- additive for cosmetic (creams; lotions; body care) and pharmaceutical formulations
- release agent for rubber and plastic items
- liquid dielectric for electrical and electronic equipment
- hydraulic fluid
- lubricant
- release agent
- paints auxiliaries

Silicone oils have a high thermal stability, and can be used in temperature between -50° and +220°C without changing the properties or physical features.

It has a high chemical inactivity: does resist to weather agents, at radiations, at oxidation and hydrolysis.

Temperature or weather conditions do not influence its fire-proofing quality.

The silicone fluid (dimethylpolysiloxane) is virtually not toxic and does not irritate skin, but we suggest to avoid the contact with eyes because could provoke a light temporary irritation.

AVAILABLE PACKAGING:

50 – 200 KG drums; IBC of 950 KG.

The data presented in this technical data sheet are based on our own knowledge at the date of the last version. However, this shall not constitute a guarantee for any specific features and shall not establish a legally valid contractual relationship. Users must verify the suitability and thoroughness of provided information, according to each specific use of the product. Silitex Srl does reserve the right to change or update the given information without notice.

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