

SILBIONE FLD 70047V100, V200, V350

Description SILBIONE FLD 70047 V 100, V 200 and V 350 are linear POLYDIMETHYLSILOXANES.

Examples of applications

- Food contact
- Raw material for Medical Devices - Condom Lubricant

Reminder :

Determination of the suitability of a product for particular uses and applications (including country specific regulation requirements) is the sole responsibility of the customer.

Key benefits

- Chemically inert
- Heat-resistant
- Resistant to ageing by atmospheric agents (oxygen, ozone, water, light)
- Low surface tension
- Non-toxic
- Good cutaneous tolerance

Typical properties

Properties	SILBIONE FLD 70047		
	V 100	V 200	V 350
Physical state	Clear liquid		
Odor	Nil to slight		
Hazen Color	≤ 30		
Kinematics viscosity (at 25°C, mm ² /s)	90 to 110	180 to 220	315 to 385
Volatile matters (2 h at 150°C, %)	≤ 0.3		
Turbidity (NTU)	≤ 4		
Presence of foreign matters	No		
Acidity (in NaOH 0.01N/2g)	≤ 0.15		
Phenyl compounds	≤ 0.2		
Heavy metals as lead	≤ 0.0005		
IR spectrum European Pharmacopoeia	In specification		
Fluorescence for mineral oils (mg/kg)	≤ 0.1		

Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.

Instruction of use

SILBIONE FLD 70047 V 100, V 200 and V 350 are soluble in numerous solvents:

- Halogenated solvents: methylene chloride, chloroform, trichlorethane, chlorofluoroalkanes...
- Ketones: methylethylketone
- Ester: ethyl and butyl acetates, isopropyl palmitate, isopropyl myristate
- Ether: ethyl ether, isopropyl ether
- Higher alcohols: lauryl alcohol, ethyl-2 hexanol

They are insoluble in:

- Water

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- Lower alcohols: methanol, ethanol
- Vegetable and animal oils, fatty acids
- Glycols: ethylene glycol, propylene glycol
- Glycerine

Regulation Please consult your local ELKEM SILICONES sales office.

Limitations Please consult your local ELKEM SILICONES sales office.

- Packaging**
- SILBIONE FLD 70047V100 is available in
 - Pallet of 1000 KG (2205 LB)
 - Drum of 200 KG (441 LB)
 - SILBIONE FLD 70047V200 is available in
 - Drum of 200 KG (441 LB)
 - SILBIONE FLD 70047V350 is available in
 - Pallet of 1000 KG (2205 LB)
 - Drum of 200 KG (441 LB)

Storage and shelf life When stored in its original packaging:
SILBIONE FLD 70047V100 may be stored at temperatures between -20°C / -4°F and 50°C / 122°F for up to 36 months from its date of manufacturing.
SILBIONE FLD 70047V200 may be stored at temperatures between -20°C / -4°F and 50°C / 122°F for up to 36 months from its date of manufacturing.
SILBIONE FLD 70047V350 may be stored at temperatures between -20°C / -4°F and 50°C / 122°F for up to 36 months from its date of manufacturing.
Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.

Safety Please consult the Safety Data Sheet of:
SILBIONE FLD 70047V100, SILBIONE FLD 70047V200 and SILBIONE FLD 70047V350

Visit our website www.elkem.com/silicones/

Warning to the users

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. ELKEM SILICONES guarantees that its products comply with its sales specifications. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for given use. Determination of the suitability of product for the uses and applications contemplated by users and others shall be the sole responsibility of users. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and ELKEM SILICONES is at their disposal to supply any additional information.