

TECHNICAL DATA SHEET

IKV-FLUOR MPA 2 H

DESCRIPTION

IKV-FLUOR MPA 2 H is a non-flammable white grease developed from a perfluoroalkyl-polyether-type oil, a micronised PTFE as thickener and an anti-corrosion additive other than sodium nitrite. It is totally inert physically and chemically in the event of aggression by all kinds of liquid or gaseous products (except for fluorinated solvents) and thermal and ionising radiation.

IKV-FLUOR MPA 2 H is also compatible with all widely used elastomers, seals, gaskets, plastics and metals.

TYPICAL APPLICATIONS

IKV-FLUOR MPA 2 H is suitable for the lubrication of all bearings, sliding bearings or joints subjected to extreme temperatures or to aggressive conditions capable of altering conventional lubricants. It is used principally for curing ovens in glass, textile, plastic film, paint, chemical, nuclear, and corrugated card industries.

IKV-FLUOR MPA 2 H is equally adapted for the lubrication in thin films of sliding electrical contacts or as dielectric agents.

TYPICAL PROPERTIES

CHARACTERISTICS	VALUES	UNITS	TESTS
Nature of base oil	Perfluorinated		
Base oil viscosity at 40°C	500	cSt	ASTM D-445
Thickener	PTFE		
Colour	White		
Density at 20°C	1,93		
NLGI Grade	2		
Worked penetration	265/295	x 0.1 mm	ASTM D-217
Drop point	Without	°C	DIN 51801
Volatility (22 h at 260°C)	< 0.1	wt % loss	ASTM D-972
Useful temperature range		°C	
- in continuous	- 30 to 260		
- in peak	300		
Max speed factor	300 000	n x mm	
Stability / Ionizing Radiations	5 x 10 ⁸	rads	
Specific resistivity	4 x 10 ¹⁴	ohm x cm	ASTM D-257