

IKV TRIBOLOGIE

F - 26260 SAINT DONAT Tél : 33 (0)475.450.645 Fax : 33 (0)475.452.809 Email : mailbox@ikv.fr Website : ikvtribologie.com

TECHNICAL DATA SHEET

ZAROX TYN 142

DESCRIPTION

ZAROX TYN 142 is a non-flammable white grease developed from a perfluoroalkyl-polyether-type oil and a micronised PTFE as thickener. 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 radiation.

ZAROX TYN 142 is also compatible with all widely used elastomers, seals, gaskets, plastics and metals generally employed.

TYPICAL APPLICATIONS

ZAROX TYN 142 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 especially designed for the lubrication of ovens, tunnel of drying, stabilisation or polymerisation in the glass, textile, plastic film, paints, chemical, nuclear, robotic and corrugated board industries.

ZAROX TYN 142 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	PFPE	C.	ACTM D 445
Base oil viscosity at 40°C Thickener	140 PTFE	cSt	ASTM D-445
Colour Density at 20°C	White 1,91		
NLGI Grade	2		
Worked penetration Drop point	265 / 295 Without	x 0.1 mm °C	ASTM D-217 DIN 51801
Useful temperature range Volatility (22 h at 204° C)	- 40 to 200 < 10	°C wt % loss	ASTM D-972
Max speed factor	500 000	n x mm	7.5111 5 372
Stability / Ionizing Radiations Specific resistivity	5x10 ⁸ 4x10 ¹⁴	rads ohm x cm	ASTM D-257

Edition of December 2009 1st edition

The information set forth herein is furnished free of charge and is based on technical data that IKV TRIBOLOGIE believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Because conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.