

## IKV TRIBOLOGIE

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

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