

ELBALUBES 1330 EC THERMAL GFREASE

ELBALUBES 1330 EC is inorganically thickened, medium viscosity synthetic hydrocarbon grease specially formulated for the effective lubrication and protection of electrical contacts. Improves heat transfer between heat sinks and CPU's, GPU's, flip chips, semiconductors, transistors, LED's, fans, Electrical connectors for boat, trailers automotive and other heat generating electronic component ELBALUBES 1330 EC is formulated with a benzotriazole type metal passivator to protect copper and yellow metal alloys. A UV dye is also added to facilitate detection of the grease in thin film on electrical contacts.

Recommended temperature range: -35 to 150°C

TYPICAL BASE OIL PROPERTIES	METHOD	RESULT
KV100°C	ASTM D445	40mm ^{2/s}
KV40°C	ASTM D445	410mm ^{2/s}
Viscosity Index	ASTM D2270	145
Pour Point	ASTM D97	-34°C
Flash Point	ASTM D92	290°C
TYPICAL PROPERTIES		
Color	Visual	Color
Apperance	Visual	Smooth
Po	ASTM D217	280
P60	ASTM D217	265 to 295
NLGI Grade	ASTM D217	2
density 25c	CTM	0.88 g/cc
Oil Separation, 24h at 100°C	ASTM 6184	1.0%
Evaporation 24h at 100°C	CTM	0.04%
Copper Corrosion, 24h at 100°C	ASTM D4048	1A
Oxidation Stablity, 150°C, 3500		
kPa O ₂ 100 minutes	ASTM D5483	No Reaction
TGA Weight Loss	CTM	> 300°C
Appearent Viscosity -39°C		
T-C Spindle 1RPM	Brookfield Viscometer	11.2 x 106 mPa.s

SAFETY:

ELBALUBES 1330 EC does not contain hazardous ingredients. If fumes are generated at elevated temperatures, ventilation is required. See the Material Safety Data Sheet for additional safety related information on the grease.

