



Dongguan Jialede Lubrication Materials Co., Ltd.
Shenzhen Jialede Chemical Technology Co.,Ltd

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YBS-D02 Perfluorinated Oil

(Replaceable for FC40, D02)

PFPE has excellent thermal and oxidative stability, as well as superb chemical inertness. It is non-reactive, has high dielectric properties, low toxicity, non-flammable and insoluble. This makes PFPE ideal for use in electrical reliability testing, including thermal shock and hermetic testing.

Sealing Performance Test

In order to ensure the sealing performance of the sealing device, we perform leak test procedures using MIL STD 883, Method 014; MIL STD 750, Method 071 or MIL STD 202, Method 12.

- Environmental benefits do not harm the ozone layer
- High chemical inertness
- Good heat conduction medium
- Chemical and thermal stability
- Non-toxic

Physical Parameters:

Project	Unit	Indicators	Data
Boiling point	°C	172-175	173
Pour point	°C	-97-143	100
Density	g/cm ³	1.77	1.77
Kinematic viscosity	Cst _{25°C}	1.8	1.8



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Vapour pressure	Tort25°C	<1	<1
Specific heat	Cal/g	0.23	0.23
Surface tension	Dy/cm	17	17
Breakdown voltage	Kv/2.54mmgap	/	>40
dielectric constant	@25°C	1.9	1.9
water soluble	ppm	14	14
Flammable	/	/	Non-flammable
Toxicity	/	/	None
Thermal conductivity	W/mk	/	0.065

The quality indicators

Content: $\geq 99.5\%$

Moisture: $\leq 0.005\%$

Acidity: $< 0.0001\%$

Use: Fluorine solvent, electronic package leakage detection fluid, coolant,
replace 3M electronic fluoride liquid FC40, D02.

Packing: 5kg/drum, 25kg/drum, 250kg/drum, plastic-lined iron drum.

Preservation: Indoor ventilation and cool preservation.