



Dongguan Jialede Lubricating Materials Co.,Ltd

Shenzhen Jialede Chemical Technology Co.,Ltd

Office: C308, Building 3, No. 3 and 4, Xinhe Avenue, Gonghe Community, Shajing Street, Bao'an District, Shenzhen City

Factory: 302, Building 15, No. 142, Jinghai West Road, Chang'an Town, Dongguan City

Tel: 15767789227 Manager Zhu 18682086449 Engineer Huang

YBS-230 Datasheet



1. Product introduction:

YBS-230 is a new type of perfluoropolyether product. It has excellent chemical resistance, thermal resistance and dielectric properties. Non-toxic, no flash point, no ignition point, low viscosity and other characteristics, is a new generation of heat transfer fluid.

2. Product physical properties:

Product Properties	YBS-230
Appearance	colorless
Flash point (open)/°C≥	none
Ignition point/°C	none
Auto-ignition point/°C	none
Thermal decomposition temperature/°C≥	290
Boiling point/°C≥	210
Neutralization number(KOH)/(mg/g)≤	0.03
Kinematic viscosity (40°C)/(mm ² /S)≤	6
Solubility of water/%≤	0.005
Density/(g/cm ³)	1.83



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Dielectric strength/kV(2.54mm)	40
Volume resistivity/($\Omega \cdot \text{cm}$) \geq	1×10^{15}
Dielectric dissipation factor /% <	0.05
Dielectric constant (10kHz) \leq	2
Specific heat/(J/kg·k)	960
Thermal conductivity/(W/m·K)	0.065
Thermal expansion coefficient/ $^{\circ}\text{C}^{-1}$	0.0011
Pour point/ $^{\circ}\text{C} \leq$	-69

*All measurements were made at 25°C unless otherwise noted.

3.Application:

YBS-230 is used in semiconductor, pharmaceutical, chemical, aviation, liquid crystal display manufacturing and other fields. And can be used in data centers with high operating temperature to achieve cooling, energy saving and consumption reduction, and can be used for liquid dielectrics, insulation protection in electronic systems.

4.Storage & Transportation:

Keep in dry storage away from light, humidity $\leq 40\text{RH}\%$. Avoid violent shock, shelf life 2 years.

5.Precautions for use:

- a.This product should be used within its shelf life, preferably right out of the box. Be sure to read the SDS before use.
- b.If splashed in the eyes during use, immediately flush with plenty of water and send for medical attention; if skin contact please wash thoroughly with soap and water.
- c.Avoid contact with high temperature or alkaline earth metals in use, otherwise it will decompose easily and reduce the performance.