



Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China

Technical Data Sheet

Specification	Appearance (25 °C)	Colour and lustre	Hydroxy l value mgKOH /g	Molecular weightt	Acid number mgKOH/g	moisture (%)	pH value (1% aqueous solution)
PPG-200	Colorless transparent oily and viscous liquid	≤20	510~623	180~220	≤0.5	≤0.5	5.0~7.0
PPG-400	Colorless transparent oily and viscous liquid	≤20	255~312	360~440	≤0.5	≤0.5	5.0~7.0
PPG-600	Colorless transparent oily and viscous liquid	≤20	170~208	540~660	≤0.5	≤0.5	5.0~7.0
PPG-1000	Colorless transparent oily and viscous liquid	≤20	102~125	900~1100	≤0.5	≤0.5	5.0~7.0
PPG-1500	Colorless transparent oily and viscous liquid	≤20	68~83	1350~1650	≤0.5	≤0.5	5.0~7.0
PPG-2000	Colorless transparent oily and viscous liquid	≤20	51~62	1800~2200	≤0.5	≤0.5	5.0~7.0
PPG-3000	Colorless transparent oily and viscous	≤20	34~42	2700~3300	≤0.5	≤0.5	5.0~7.0



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	liquid						
PPG-4000	Colorless transparent oily and viscous liquid	≤20	26~30	3700~4300	≤0.5	≤0.5	5.0~7.0
PPG-6000	Colorless transparent oily and viscous liquid	≤20	17~20.7	5400~6600	≤0.5	≤0.5	5.0~7.0
PPG-8000	Colorless transparent oily and viscous liquid	≤20	12.7~15	7200~8800	≤0.5	≤0.5	5.0~7.0

Application

1. PPG series are soluble in organic solvents such as toluene, ethanol, trichloroethylene, etc. PPG200, 400, and 600 are soluble in water and have lubricating, solubilizing, defoaming, and antistatic properties. PPG-200 can be used as a dispersant for pigments.
2. In cosmetics, PPG400 is used as an emollient, softener, and lubricant.
3. It is used as an antifoaming agent in coatings and hydraulic oils, an antifoaming agent in synthetic rubber and latex processing, a refrigerant and coolant for heat transfer fluids, and a viscosity improver.
4. It is used as an intermediate for esterification, etherification, and polycondensation reactions.
5. It is used as a release agent, a solubilizing agent, an additive for synthetic oils, an additive for water-soluble cutting fluids, roller oils, hydraulic oils, high-temperature lubricants, and internal and external lubricants for rubber.
6. PPG-2000~8000 has good lubrication, anti-foaming, heat and frost resistance and other properties;
7. PPG-3000~8000 is mainly used as a component of combined polyether to produce polyurethane foam plastics;
8. PPG-3000~8000 can be used directly or after esterification to produce plasticizers and lubricants;
9. This product can be used as a base material for daily chemicals, medicines, and oils.

[Packaging and Storage]

200kg /DDRUM, 50kg/DRUM.

Store in a dry and ventilated place.

Shelf life is two years.