

丙二醇醚溶剂 Propylene Glycol Ethers Series

Brief Introduction

Propylene glycol ethers have two groups with strong solvency in the chemical structure - ethers and hydroxyl groups, the former is lipophilic and can dissolve hydrophobic compounds; the latter is hydrophilic, soluble in water-soluble compounds, and is a versatile solvent with excellent performance, and is known as a “universal” solvent.

Propylene glycol ethers can be used as solvents for alkyd resin, acrylic resin and polyester paint etc. In painting industry, surface films of those paints prepared for the aid of it being characterized by clean, even and fast. It can substitute for alcohol solvents during the resolution of dyes as a good kind of coupler, besides in the production of printing ink, changing some formulas by using in can reduce toxicity, so as to improve operation environment and printing quality.

Specification

Item	Propylene glycol methyl ether	Propylene glycol ethyl ether	Propylene glycol butyl ether	Dipropylene Glycol methyl ether	Dipropylene glycol ethyl ether	Dipropylene glycol butyl ether
CAS No.	107-98-2	1569-02-4	5131-66-8	34590-94-8	15764-24-6	29911-28-2
Appearance	Bright & Clear					
Purity (WT)%	99.5	99	99	95	95	95
Distillation rang (Distillation volume \geq 95%) °C	117-125	125-137	162-175	165-205	180-215	220-235
Density(D ₄ ²⁰) g/ml	0.918-0.924	0.89-0.905	0.875-0.895	0.94-0.965	0.945-0.955	0.905-0.925
Acidity (acetic acid)% \leq	0.01	0.01	0.01	0.03	0.03	0.03
Water Content % \leq	0.1	0.05	0.1	0.1	0.1	0.1
Colority (Pt-Co) Hazen \leq	10	10	10	15	15	15

Notice:

Not being touched with bodies for a long time, used in airiness place.

Package & Transportation

Packed in tank or Iron drum, transported according to the requirement of flammable liquid.