

Technical Data Sheet

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Item Name:

IPA

PRODUCT INFORMATION

Chinese Name:	异丙醇
Commodity Name:	IPA
Chemical Name:	Isopropanol
Other Name:	Isopropyl Alcohol, Isopropanol Anhydrous, 2-Propanol Ultra Resi-Analyzed, Isopropanol Molecular Biology, Propan-2-ol-Specified, 2-Propanol, ISO Propyl Alcohol, Propan-1-ol
CAS No.:	67-63-0
Molecular Weight:	60.095
Molecular Formula:	C ₃ H ₈ O
UN No.:	1219
DG Class:	3
Packing Group:	52

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Colorless, transparent liquid with flammability
Purity %	99.9 min
Evaporation residue %	0.002 max
Acid (acetic acid) (mmol/100g) %	0.002 max
Moisture by wt %	0.1 max
hydroxy compound (acetone) %	0.01 max
Sulfide (mg/kg) %	1 max
Color (Pt-Co)	10 max

MAIN APPLICATION

Isopropyl alcohol in the printing industry as liquid, plastic printing ink, glue thinner, is more economical, and effective than ethanol, alcohol. Isopropyl alcohol is used as a cleaning agent, MOS grade is mainly used for discrete devices and medium and large scale integrated circuit, BV-III level is mainly used in very large scale integrated circuit technology. In the electronics industry, can be used as cleaning scouring agent. Used as the diluent of adhesive, cottonseed oil extraction agent, and other solvents. Also used for organic synthesis in antifreeze, dehydrating agent, preservative, antifoggant, medicine, pesticide, spices, cosmetics, printing industry and etc. Is relatively cheap solvent in the industry, which is widely used and mixed water freely.

PACKING, LOADING AND SHELF LIFE

Packing: 160kg/drum, 800kg/IBC

Loading: 12.8mt/20'fcl for 160kg drum, 16mt/20'fcl for 800kg IBC

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

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