

Product: Isopropyl Alcohol

Technical Data Sheet

Property	Unit	Specification	Test Method
Appearance		Bright and Clear	Visual
Purity	Wt %	Min 99.9	GC
Color (Pt-Co)		Max 10	ASTM D1209
Specific Gravity (20/20 °C)		0.7840 - 0.7870	ASTM D4052
Distillation	°C		
- IBP		Min 81.5	ASTM D1078
- DP		Max 83.0	
Free Acid as Acetic Acid	Wt %	Max 0.001	ASTM D1613
Residue on Evaporation	Wt %	Max 0.001	ASTM D1353
Water Content	Wt %	Max 0.10	ASTM D1364
Solubility in Water		Pass	ASTM D1722

Description

Isopropyl Alcohol (IPA) also known as Isopropanol, 2-propanol, dimethylcarbinol, is a colourless liquid with a pleasant odour. It is completely soluble in water, alcohol and ether.

Coatings and Inks

The largest use of IPA is a solvent in the coatings and inks applications. IPA is used as a solvent in nitrocellulose lacquer, natural oils, and thinner formulations where good solvency, high volatility is required. It is also used as a humectant for nitrocellulose.

Manufacture of other Chemicals

IPA is used as a feedstock in production of acetone and its derivatives; namely DAA, MIBK, MIBC, DIBK, Isophorone and manufacture of Isopropyl Acetate, Isopropylamine etc.

Other applications

As extraction agent for flower perfumes, pharmaceutical products and household personal care, formulation in industrial detergents and polishes, antifreeze agents, adhesives, dehydration agent, high purity IPA in the electronic industries etc.

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