

## BASF Isobutanol

Category : Fluid , Solvent

### Material Notes:

Formula: C4H10O CAS: 78-83-1 Description: Isobutanol is a clear, mobile, neutral liquid with a characteristic odor. It is miscible with all common solvents, e.g., alcohols, ketones, aldehydes, ethers, glycols, and aromatic and aliphatic hydrocarbons, but is only sparingly soluble in water. Applications: A large part of the isobutanol produced is converted into derivatives (primarily esters) for use as solvents in the coatings industry. Isobutanol is an eminently suitable solvent for acid-curable lacquers and baking finishes derived from urea (Plastopal), melamine (Luwipal), or phenolic resins. When added even in small proportions to alkyd resin paints, isobutanol reduces the viscosity, and thus improves the brushability and flow. Diisobutyl phthalate (DIBP) is an established plasticizer for plastics, dispersions and rubber mixes. Other isobutyl esters of dicarboxylic acids, e.g., adipic, azelaic and sebacic acids, display good properties in this application, but economic considerations preclude their use. Information provided by BASF

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Isobutanol.php](http://www.lookpolymers.com/polymer_BASF-Isobutanol.php)

Physical Properties	Metric	English	Comments
Density	0.802 - 0.804 g/cc	0.0290 - 0.0290 lb/in <sup>3</sup>	
Molecular Weight	74.1 g/mol	74.1 g/mol	

Thermal Properties	Metric	English	Comments
Distillation Temperature	106 - 108 °C @Pressure 0.101 MPa	223 - 226 °F @Pressure 14.7 psi	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.050 %	<= 0.050 %	ASTM D1364

Descriptive Properties	Value	Comments
Acidity, as HCl	0.0003	as acetic acid, ASTM D1613
Assay	>99.5%	
Color	<5	ASTM D1209

## Contact Songhan Plastic Technology Co.,Ltd.

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