

GENERAL DESCRIPTION

iso-Butanol is a colorless liquid, with a characteristic odor. Mixed with air, within 1.45 to 11.25% vol. limits, iso-butanol forms explosive mixtures.

TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	iso-Butanol, min.	%	99.5
2	Distillation range (95% vol.)	°C	106 -109
3	Acidity (CH ₃ COOH), max.	%	0.006
4	Water (Karl-Fischer), max.	%	0.1
5	Hazen color, max.	Hazen units	10
6	Non-volatile, max.	%	0.0025

APPLICATIONS

- solvent in the industry of nitro-cellulose and alkyd resin based varnishes;
- solvent in synthetic leather manufacturing;
- extraction agent for oils, drugs, perfumes, hormones, antibiotics, vitamins;
- in preparing flotation agents for ore;
- solvent for oven dried, urea and phenolic resin based varnishes.

GENERAL CHARACTERISTICS

Specific Properties	Values
Density at 20°C, g/cm ³	0.802
Flash point, °C	31
Flammability	flammable

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.

PACKING

The product is packed in stainless steel tanks with a capacity of 20 or 40 tons, property of supplier or customer.

STORAGE

The product will be stored in cold, covered areas, away from fire or other sources of ignition.

TRANSPORT

iso-Butanol can be shipped according to transport regulations for dangerous goods, hazard class 3, Flammable liquids.

! Methods for measuring the technical characteristics are available on request

All informations contained in this product data sheet is provided for your consideration, research and verification. For a better suitability of the product to your purpose, we recommend you carry out tests before using the product. We advise you to have your own decisions regarding safety, proper handling, storage, use and disposal. We expressly disclaim any liability for any loss, damage or expense resulting from reliance on the information provided herein. For more information, please refer to our safety data sheet.