



SALES SPECIFICATIONS

APC Product : n-Butanol
APC Spec. No. : 03-005-0
Effective Date : 1 April 2018

Description

n-Butanol (NBA) is a clear, mobile, neutral liquid with a characteristic odour. It is miscible with all common solvent, e.g. alcohols, ketone, aldehydes, ethers, glycols and aromatic / aliphatic hydrocarbons. Its miscibility with water, however, is restricted.

Specification

<u>Properties</u>	<u>Unit</u>	<u>Test Method</u>	<u>Value</u>
Purity	% m/m	GC	99.5 min
Colour (Pt-Cobalt)		ASTM D1209	10 max
Water Content	% m/m	ASTM D1364	0.1 max
Acidity as acetic acid	% m/m	ASTM D1613	0.005 max

Typical Properties

<u>Properties</u>	<u>Unit</u>	<u>Test Method</u>	<u>Value</u>
Density @ 20 °C	g/ml	ASTM D4052	0.809 - 0.812
Distillation, IBP	°C	ASTM D1078	116.0 min
Distillation, DP	°C	ASTM D1078	119.0 max
Non-volatile matter	g/100ml	ASTM D1353	0.01 max
Refractive Index @ 20 °C		ASTM D1218	1.387 - 1.402

Application

As a solvent in antifreeze, disinfectants, etch primers, fountain solution in lithographic printing, fungicides, foundry dressings, lacquers, lacquer thinner, latex rubber production, liquid printing inks and stain removers. Also as a raw material for the manufacture of acetate, butylated resins, mixed alkylated glycol ethers, phthalates and xanthates.