

Butyl Glycol Acetate

Technical DataSheet | Supplied by BASF

Butyl Glycol Acetate by BASF is ethylene glycol monobutyl ether acetate/ acetic acid-2-butoxyethyl ester/ 2-butoxyethyl acetate. Acts as a low volatility solvent for paints and printing inks. Possesses a faint ester odor, and good solvent power for numerous organic substances. Improves the gloss and flow of coatings. Also improves the flow and brushability of cellulose nitrate and cellulose ether lacquers and of paints formulated from chlorinated binders. Exhibits miscibility with most common organic solvents eg. alcohols, ketones, aldehydes, ethers, glycols, and glycol ethers but sparingly soluble with water. Butyl Glycol Acetate is used in flexographic, gravure and screen printing inks, for dyes used to print and color leather and textiles, for dyes in furniture polishes and wood stains.

Product Type	Solvents > Esters > Butyl Acetates
Chemical Composition	Ethylene glycol monobutyl ether acetate / Acetic acid-2-butoxyethyl ester/ 2-butoxyethyl acetate
CAS Number	112-07-2
Physical Form	Liquid
Product Status	COMMERCIAL
Applications/ Recommended for	Coatings Inks Inks > Gravure Inks > Flexographic inks Inks > Textile Printing Inks > Screen inks Coatings Markets > Wood & Furniture Coatings > Stains Coatings Markets > Wood & Furniture Coatings > Furniture/ interior decoration

Butyl Glycol Acetate Properties

Property	Value & Unit	Test Condition	Test Method
Molar Mass	160.2 g/mol		
Color, Platinum-cobalt	< 10		
Density	0.935 - 0.942 g/cm ³	At 20°C	DIN 51757
Refractive Index	1.414 - 1.415		DIN 51423
Solidification Point	-63.5 °C		
Boiling Point	184 - 195 °C	At 1013 hPa. 95% Volume. 2-97 ml	DIN 53171
Heat Of Combustion	29350 kJ/kg		
Surface Tension	28.5 mN/m	At 20°C	
Evaporation Rate (ether=1)	190		DIN 53170
Flash Point	84 °C		
Vapor Pressure	0.31 hPa	At 20°C	