



PETRONAS

BUTANOL

PETRONAS CHEMICALS GROUP BERHAD
CHEMISTRY FOR GROWTH



PCG Butanol Plant

BUTANOL

Butanol is a clear, colourless flammable liquid. It is miscible with water and organic solvents. PCG produces normal-Butanol (NBA) and iso-Butanol (IBA).



PETRONAS CHEMICALS DERIVATIVES SDN. BHD. (PCDSB)

- Kertih, Terengganu
- 140 KMTPA Butanol

Product Applications

APPLICATIONS	FUNCTIONS	NBA	IBA
Paint & Coating	Carrier, solvency, chemical intermediate	•	
Degreasers	Plasticisers/rheology modifier	•	
Surface coating	Automotive polish additive	•	•
Varnish remover	Automotive paint cleaner additive	•	
Ink ingredient	Extractant	•	•

Product Specifications

COMPONENTS	UNITS	n-BUTANOL	iso-BUTANOL
Butanol	% Weight	99.8 min	0.1 max
Isobutanol	% Weight	0.1000 max	99.5 min
Propanol	% Weight	-	0.1 max
Other C4 Compounds	% Weight	-	0.2 max
Total C3 Compounds	% Weight	-	0.1 max
Total Carbonyl	% Weight	-	0.07 max
Acidity	% Weight	0.005 max	0.003 max
Water	% Weight	0.10 max	0.10 max
Sulfuric Acid Colour	Pt-Co	25 max	-
Aldehydes	-	PASS	-
Chlorides	-	PASS	PASS
Colour	Pt-Co	5 max	5 max
Suspended Matter	-	PASS	PASS