

BNM Group / BNM Petroleum

Technical Reference Sheet

Material	i-Butanol	Document ID	TR-ARPC-IBUTANOL
Grade	Iso Butanol (IB)	Date Generated	2026-09-11
Reference Producer	Shazand Petrochemical / ARPC	Producer Country	Iran

1. Reference Scope

This Technical Reference Sheet provides technical properties for **i-Butanol**, grade/designation **Iso Butanol (IB)**, as referenced from the official producer source cited below. It is intended for commercial pre-qualification and technical comparison only.

Reference Producer: Shazand Petrochemical / ARPC | **Producer Grade:** Iso Butanol (IB)

2. Application

Used as a solvent feedstock for coating esters and acid-curable lacquers, as a plasticizer (DIBP) and glycol-ether feedstock, and as an extraction/azeotropic-distillation agent.

3. Technical Properties

Property	Value	Unit	Test Method	Condition	Source Page
Purity	99.5	WT.% MIN.	ASTM D-5008	—	not paginated
Color	10	APHA MAX.	ASTM D-1209	—	not shown
Water	0.2	WT.% MAX.	ASTM D-1364	—	not shown
Aldehydes (as BAL)	0.10	WT.% MAX.	ASTM E-411	—	not shown
Acidity (as acetic acid)	0.01	WT.% MAX.	ASTM D-1613	—	not shown

4. Processing / Handling Notes

Parameter	Value	Unit	Notes	Source Page
Storage material	Carbon steel tanks with moisture exclusion measures	—	Do not store in aluminum above 60°C (corrosion risk); stainless steel recommended for stringent quality requirements	not shown
Handling	Drums kept tightly closed in a well-ventilated place	—	—	not shown
Packing	Bulk or 220-liter (net 175 kg) new drums, 4 drums per pallet	—	—	not shown

5. Commercial / Technical Notes

- Consistent with Phase 2B extraction -- no discrepancies found.

7. Source Attribution

Official Source URL	https://arpc-ir.com/downloads/ib.pdf
Source Document Title	Isobutanol (IB) Technical Data Sheet
Source Revision	not shown on document
Source Document Date	not shown on document
Source Document Type	Technical Data Sheet (producer PDF)
Source Verified	Yes
Exact Grade Match	Yes

Producer data is cited solely as technical reference information. BNM does not claim manufacturer, agency, distributorship, or endorsement status unless separately stated in a signed commercial agreement.

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