

BNM Group / BNM Petroleum

Technical Reference Sheet

Material	n-Butanol	Document ID	TR-ARPC-NBUTANOL
Grade	Normal Butanol (NB)	Date Generated	2026-09-11
Reference Producer	Shazand Petrochemical / ARPC	Producer Country	Iran

1. Reference Scope

This Technical Reference Sheet provides technical properties for **n-Butanol**, grade/designation **Normal Butanol (NB)**, 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:** Normal Butanol (NB)

2. Application

Used as a solvent in coatings, plasticizers, and printing inks, and as an extraction agent and fuel additive.

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 Content	0.1	WT.% MAX.	ASTM D-1364	—	not shown
Aldehydes	0.05	WT.% MAX.	ASTM E-411	—	not shown
Acidity (as acetic acid)	0.01	WT.% MAX.	ASTM D-1613	—	not shown
Sulphuric Acid Color	25	APHA MAX.	ASTM E-852	—	not shown

4. Processing / Handling Notes

Parameter	Value	Unit	Notes	Source Page
Storage material	Carbon steel tanks with moisture exclusion measures	—	Avoid aluminum tanks above 60°C (corrosion risk); stainless steel 18Cr 9Ni recommended for strict quality demands	not shown
Handling	Keep drums tightly closed in well-ventilated spaces	—	—	not shown
Packing	Bulk or 220-liter (net 180 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/nb.pdf
Source Document Title	Normal Butanol (NB) 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.

8. BNM Disclaimer

This Technical Reference Sheet is prepared by BNM for commercial pre-qualification and technical comparison purposes only. Values are reproduced or paraphrased from the cited official producer source where available in the locked research dataset. Final producer, origin, grade, specification, packaging, shipment terms, SDS, and COA must be confirmed in BNM's commercial offer, contract, and shipment documents. COA is batch-specific and is not represented by this reference sheet.

This document is not a Certificate of Analysis, not a Safety Data Sheet, and not a manufacturer-issued datasheet.