



Branch of the Public Joint Stock Company  
Joint Stock Oil Company Bashneft, Bashneft-UNPZ  
Legal address:  
Russian Federation, 450077, Republic of Bashkortostan, Ufa, Karl Marx St., 30, building 1  
Address of production:  
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**Certificate No. 6721**  
**Butane-butylene fraction, brand A, TS 0272-027-00151638-99**

Designation of documents establishing requirements for products:  
TS 0272-027-00151638-99 «Butane-butylene fraction. Technical Specifications»  
OKPD2 code: 19.20.31  
Batch No.: 6721  
Date of production: 17.10.2019  
Size (weight) of the batch: 46,030 t  
Place of sampling (under GOST 14921-2018): tank No. 16/3  
Sampling date: 17.10.2019  
Date of testing: 17.10.2019  
The certificate is issued on the basis of: test report of 17.10.2019 No. 6721

Indicator name	Test method	Standard under TS (Technical Specifications) 0272-027-00151638-99	Actual value
1. Mass fraction of components, %: amount of Hydrocarbons C3 amount of butylenes amount of Hydrocarbons C5 and higher	GOST 10679-76	not more than 0.5 Not less than 40.0 not more than 1.0	0.20 48.68 0.02
2. Mass fraction of hydrogen sulfide, %	GOST 22985-2017	not more than 0.015	0.0082
3. Free water and alkali content	Under clause 5.2 of TS 0272-027-00151638-99	absence	absence

**Conclusion:** Butane-butylene fraction, brand A, TS 0272-027-00151638-99  
**is compliant with the requirements:**

- TS 0272-027-00151638-99 «Butane-butylene fraction. Technical Specifications

**Supplementary information:**

- aggregate state at a temperature of 20 ° C and a pressure of 760 mm Hg - gaseous;
- transportation and storage - according to GOST 1510-84;
- the manufacturer, Bashneft-UNPZ - a branch of PJSC ANK Bashneft, guarantees that the quality of the butane-butylene fraction, brand A, meets the requirements of TS 0272-027-00151638-99 if the consumer complies with the transportation and storage conditions in accordance with GOST 1510-84 within three months from the date of manufacture;
- Safety Data Sheets No. 67827826.02.40553.

	Head of the Laboratory	[signature]	Garbaruk O.I.
L.S.	Senior Laboratory Assistant	[signature]	Lumpova M.B.
[round seal]	Certificate issuing date	17.10.2019	