



Branch of a public joint stock company
Joint-Stock Oil Company Bashneft,
Bashneft-UNPZ
Legal address:
Russian Federation, 450077, Republic of Bashkortostan, Ufa, Karl Marx Str., 30, bld. 1
Production address:
Russian Federation, 450029, Republic of Bashkortostan, Ufa, Ulyanovych Str., 74
e-mail: info_bn@bashneft.ru, tel.: +7 347 249-01-09, fax: +7 347 249-05-23
Testing Center - Quality Control Division (PCL)
Russian Federation, 450029, Republic of Bashkortostan, Ufa, Ulyanovych Str., 74
e-mail: info_bn@bashneft.ru, tel.: +7 347 249-01-09, fax: +7 347 249-05-23

CERTIFICATE No. 7655

Butane-butylene fraction of the grade A TS 0272-027-00151638-99

Documents establishing requirements to products:

TS 0272-027-00151638- 99 "Butane-butylene fraction. Specifications"

OKPD 2 Code: 19.20.31

Batch number: 7655

Date of manufacture: 29.12.2021

Batch size (mass): 47.240 t

Sampling location (according to GOST 14921-2018): tank No. 16/3

Date of sampling: 29.12.2021

Test date: 29.12.2021

The certificate was issued on the basis of the test report dated 29.12.2021 No. 7655

Name of the indicator	Testing method	Norm according to TS 0272-027-00151638-99	The actual value
1. Mass fraction of components, %: the amount of C3 hydrocarbons the amount of butylenes the amount of C5 hydrocarbons and higher	GOST 10679-2019	maximum 0.5 minimum 40.0 maximum 1.0	Less than 0.010 54.65 0.10
2. Mass fraction of hydrogen sulfide and mercaptan sulfur, %	GOST 22985-2017	maximum 0.015	0.0006
3. Free water and alkali content	As per Item 5.2 TS 0272-027-00151638-99	Absence	Absence

Conclusion: Fraction butane-butylene grade A TS 0272-027-00151638-99

Meets the requirements:

- TS 0272-027-00151638- 99 "Butane-butylene fraction. Specifications".

Additional information:

- aggregate state at a temperature of 20°C and a pressure of 760 mmHg - gaseous;
- Transportation and storage - according to GOST 1510-84;
- The manufacturer, a branch of PJSC ANK Bashneft Bashneft-UNPZ, guarantees that the quality of the butane-butylene grade A fraction meets the requirements of TS 0272-027-00151638-99 if the consumer complies with the conditions of transportation and storage according to GOST 1510-84 within 3 months from the date of manufacture
- Safety Data Sheet No. 67827826.19.64722

Stamp here

Chemical Analysis Laboratory assistant (shift supervisor)
Certificate issue date: 29.12.2021

/signature/ E.A. Yanduganova

Seal:

Branch of a public joint stock company
Joint-Stock Oil Company Bashneft,
Bashneft-UNPZ
For product certificates
IC-QCD