



Branch of a Public Joint Stock Company
Bashneft Joint-Stock Oil Company Bashneft-Ufaneftekhim
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PASSPORT No. 12618

Propane-propylene fraction, grade A, TU 0272-024-00151638-99

Documents establishing technical specifications for the products:
TU 0272-024-00151638-99 "Propane-propylene fraction. Specifications"
OKPD 2 Code: 19.20.32
Batch number: 12618
Date of manufacture: 31.12.2021
Batch size (mass): 39.500 t
Sampling site (according to GOST 14921-2018): tank No. E-401
Date of sampling: 31.12.2021
Test date: 31.12.2021

The certificate was issued on the basis of the test report dated

31.12.2021

No. 12618

Name of the indicator	Testing method	Norm according to TU 0272-024-00151638-99	The actual value
1. Mass fraction of components, %: total amount of C ₂ hydrocarbons Propane Propylene total amount of C ₄ hydrocarbons the amount of C ₅ hydrocarbons and higher	GOST 10679-2019	not more than 2.00 not standardized minimum 65.00 not more than 5.00 not more than 0.010	0.67 24.90 73.82 0.61 less than 0.010
2. Mass fraction of hydrogen sulfide, %	GOST-22985-2017	not more than 0.002	absence
3. Free water and alkali content	TU 0272-024-00151638-99 cl. 5.3	absence	absence

Conclusion: Propane-propylene fraction, grade A, TU 0272-024-00151638-99

conforms to requirements:

- TU 0272-024-00151638-99 "Propane-propylene fraction. Specifications".

Additional Information:

- the alkali content in the propane-propylene fraction from the catalytic cracking unit is not determined;
- 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 Bashneft Joint Stock Oil Company Bashneft-Ufaneftekhim, guarantees that the quality of the propane-propylene fraction meets the requirements of TU 0272-024-00151638-99 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. 67826502.19.66240.

L.S.

Chemical Analysis Laboratory assistant (shift supervisor)
Passport issue date 31.12.2021

signature _____ N.A. Novokhatskaya

Seal:
Illegible