



Joint Stock Company Angarsk Polymer Plant Legal address:
665800, Irkutsk region, Angarsk, block 8, (Pervyi industrial area), building 5
e-mail: secr@azp.ru Tel.: 8(3955) 57-30-00, 57-30-02

The products were manufactured under control established in the integrated management system certified by Quality Austria in accordance with the requirements of ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 50001:2018, Certificates Nos. 25613/0, 04306/0, 01144/0, 00241/0

Test Center, Central Plant Laboratory
665830, Irkutsk region, Angarsk, industrial zone.
Joint Stock Company Angarsk Polymer Plant
e-mail: ZabrodinaSV@azp.rosneft.ru Tel. 8(3955) 57-41-84

QUALITY CERTIFICATE No. 472

Liquid pyrolysis product fraction C9

OKPD2 code 20.59.59.900
Batch number: 472
Date of manufacture 09.11.2021
Batch size (mass): 59,892 t
Sampling site (according to GOST 2517):
Date of sampling: 09.11.2021
Test date: 09.11.2021
The certificate was issued on the basis of: test results dd 09.11.2021 No. 472 -C9

No.	Indicator description	Test method	Standard according to TU 2451-32105742746-97	Actual value
1	Overall view	p.1.1, GOST 2706.174	Yellow-green to dark brown transparent liquid	Yellow-green to dark brown transparent liquid
2	Density at 20 °C, g/cm ³ no less than	GOST 3900	0.950	0.912
3	Iodine number, g of iodine per 100 g of product, no less than	GOST 2070	40	83
4	Fractional composition			
	4.1. Initial boiling point, °C not lower than	GOST 2177	110	124
	4.2. 50 % of the volume distilled at a temperature, °C, not higher than	GOST 2177	175	149
	4.3. 95 % of the volume distilled at a temperature, °C, not higher than	GOST 2177	210	176
5	Mass fraction of water, %, not larger than	GOST 2477	0.3	traces

Conclusion:

The fraction of liquid pyrolysis products C₉ **meets the technical specifications of:**
-TU 2451-321-05742746-97 with amendm. 1-2 Liquid pyrolysis product fraction C9 Technical specifications*

Additional Information:

Transportation and storage - according to GOST 1510.
- warranty period of storage: 3 months from the date of manufacture
- Safety Data Sheet No. 46693089.24.44808 Valid through 19.12.2021
- code of excisable product type 650

Tanks №:
50630128
Sent to:
LLC VostokPolymerKhim

L.S.

/seal/ Joint Stock Company Angarsk
Polymer Plant
for quality certificates/

Accepted for shipment by the Logistics
Support Department
JSC RN-Trans

Senior dispatcher _____

Certificate issue date

**N.N. Babenko (Power of attorney
No. AZP--117/21
dd 01.01.2021)
09.11.2021**