



QUALITY CERTIFICATE No. 25
Grade A-8 Absorber
TU 38.103349-85 with amendments No 1-14

EXPORT

Date of manufacture	21.12.2021	Product vessel No.	5/1
Date of sampling	21.12.2021	Net weight , kg	57 850
Test date	21.12.2021	Rail tank car No.	5062983

The tests were carried out at the Test Center - Quality Control Department of NNK JSC

Certificate of accreditation No. ROSS RU.0001.515720 Date of information entry into the register of accredited entities July 29, 2015.

Item No.	Indicator	Standard	Actual	Test method
1	Overall view	Dark brown to black viscous liquid	Dark brown to black viscous liquid	TU 38.103349, p.4.2
2	Density at 15 °C, g/cm ³	0.7000-0.9500	0.8994	GOST 3900 with suppl. as per TU 38.103349-85,p.4.4
3	Fractional composition a) Initial boiling point, °C b) final boiling point, °C c) amount of fraction boiling out under 185 °C, percentage by volume	not lower than 25 not higher than 380 no less than 60	116 291 58	GOST 2177-99 with amendm.1 Method B
4	Copper strip test	withstands the test	withstands the test	GOST 6321-92
5	The content of actual resins, mg/100 cm ³	no more than 15000	5014	GOST 8489-85
6	Volume ratio of water, %	no more than 0,2	absent	GOST 2477-2014
7	Free water content	absent	absent	TU 38.103349, p.4.2

Note: - The test method according to pp. 1 and 7 is not included in the accreditation scope of the Test Center - Quality Control Department of JSC NNK

Conclusion: Grade A-8 Absorber meets the technical specifications of:

- TU 38 103349-85 with amendments No. 1-14
 upon agreement with the consumer regarding p. 3

The manufacturer guarantees the product quality conformance with this standard, subject to meeting the terms and conditions of transportation and storage. The warranty period of storage is 6 months from the date of manufacture

L.S. Specialist _____
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 Novokuibyshevsk , Joint Stock Company "Novokuibyshevsk Petrochemical
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 For documents*/ /signature/
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Certificate issue date 22.12.2021