



QUALITY CERTIFICATE NO. 30

Absorbent

TS 38.103349-85 with rev. 1-13, grade A-8

Date of production: 26.09.2019

Product vessel no.

Sampling date 26.09.2019

Net weight - 58,950 t

Date of testing: 26.09.2019

Rail tank car no.50184324

The tests were carried out in the Test Center - Quality Control Division of Novokuybyshevsk Petrochemical Company JSC
 Accreditation certificate No. ROSS 1SH.OOO 1.515720, date of entry of information into the register of accredited persons July 29, 2015

Indicator Name	Standard	Actually	Test method
1 General view	liquid from brown to black color	Complies with TS	TS 38.103349 cl.4.2
2 Density at 15°C, g/cm	0,700-0,950	0,899	GOST 3900 with rev. under TS 38.103349-85 Cl.4.4.1
3 Fractional composition:			GOST 2177 method B with rev. under TS 38.103349-85 Cl.4.5
a) temperature of initial boiling point °C	min 25	122	
b) Temperature of °boiling end*, °C	max 380	322	
c) amount of fraction boiling out to a temperature of 185 °C, volume %	60 min	60	
4. Copper strip test	Passes the test	Passes the test	GOST 6321
5 Mass fraction of actual resins during 30-day storage, mg / 100 cm ³	15000 max	7070	GOST 8489 with rev. under TS 38.103349-85 Cl.4.7
6 Volume fraction of water, %	0.2 max	less than 0.03	GOST 2477
7 Free water content	absence	absence	TS 38.103349 cl.4.2

The product complies with the requirements of TS 38.103349 - 85 with rev. 1-13, grade A-8

Note: - Test method according to Cl. 1 and 7 is not included in the scope of accreditation of the Test Center - Quality Control Division of Novokuybyshevsk Petrochemical Company JSC