



QUALITY CERTIFICATE No. 143

Phenol resin

Company standard 91051486-002-2011 with amendment No. 1

EXPORT

Date of manufacture	30.12.2021	Product vessel No.	25/9
Date of sampling	30.12.2021	Net weight	59,450 kg
Test date	30.12.2021	Rail tank car No.	51158012

The tests were carried out at the Test Center - Quality Control Department of LO NIK

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	Testing method
1	Overall view	Dark brown viscous liquid	Dark brown viscous liquid	Company Standard 91051486-002- 2011 p.7.3
2	Flash point determined in an open cup, °C	not lower than 62	86	GOST-6356-75
3	Relative viscosity at 80 °C, Engler degrees	no more than 8	1.6	GOST-6258-85
4	Free water content	withstands the test	withstands the test	Company Standard 91051486-002-2011 p.7.6
5	Mass fraction of phenol, %	no more than 10	3.6	Company Standard 91051486-002-2011 p.7.7
6	Mass fraction of alkali, %	no more than 0.7	0.1	Company Standard 91051486-002-2011 p.7.8
7	Ash content, %	no more than 2.5	0.19	GOST 1461-75, amendm. 1-3

Conclusion: Phenolic resin meets the specifications of:

- Company standard 91051486-002-2011 with amendment No. 1

Additional Information:

Phenolic resin is used as a feedstock component in the phenol-formaldehyde resins and technical carbon production and as a binder in byproduct cokemaking

The manufacturer guarantees the product quality conformance with this standard, subject to meeting the transportation and storage conditions

Warranty period of storage: 1 year from the date of manufacture

I.I. Krylova (last name, initials)

L.S. Specialist
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 Novokuibyshevsk , Joint Stock Company "Novokuibyshevsk Petrochemical
 Company"
 For documents*/

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Certificate issue date 30.12.2021