



QUALITY CERTIFICATE NO. 131
PHENOL RESIN STO 91051486-002-2011 with rev. 1

EXPORTS

Date of production: 10.10.2019 Product vessel no.2a
Sampling date 10.10.2019 Net weight - 59374 kg
Date of testing: 10.10.2019 Rail tank car no.51050128

The tests were carried out in the Test Center - Quality Control Department of NNK JSC
Accreditation certificate No. ROSS RU.0001.515720, date of entry of information into the register of accredited persons July 29, 2015

Parameter name	Standard	Actually	Test method
1 General view	Viscous liquid of dark brown color	Viscous liquid of dark brown color	STO 910514 86- 002- 2011, Cl.7.3
2 Flash point, determined in a closed crucible, °C	62 min	92	GOST 6356
3 Conditional viscosity at 80 ° C, conditional degrees	8 max	2	GOST 6258
4 Free water content	Passes the test	Passes the test	STO 910514 86- 002- 2011, Cl.7.6
5 Mass fraction of phenol, %	10 max	4	STO 91051486- 002- 2011, Cl.7.7
6 Mass fraction of alkali,%	0,7 max	0.4	STO 91051486- 002- 2011, Cl.7.8
7 Ash content,%	2,5 max	0,5	GOST 1461

The product complies with the requirements of STO 91051486 - 002 - 2011 with rev.1

Additional information:

Phenol resin is used as a raw material component in the production of phenol-formaldehyde resins and technical carbon and as a binder in coke production