

Atlantic Barque

COAGULANTS AND FLOCCULANTS



About the product

Coagulant “Atlantic Barque” is an additive in water treatment systems for combining small particles of pollutants into larger ones under the influence of adhesion forces in order to reduce the oxidizability of the treated water and the content of suspended solids.

Flocculant “Atlantic Bark” is a polymer additive with a large molecular weight to accelerate the adhesion of aggregately unstable particles with the formation of larger flakes for subsequent precipitation in the treated water in order to reduce the content of total iron and suspended particles by several times.

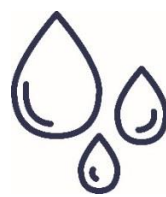
Scope of Usage

In industry and production processes for the treatment of natural and industrial wastewater, reverse water supply systems of metallurgical plants (continuous casting machines, hot and cold rolling mills, VOC, GOTs, CHOTs, water supply workshop, water treatment plants, water supply systems, pumping stations, wastewater treatment workshop. The purpose of using these reagents is to solve the problem of environmental pollution, including water bodies, by human production activities.



0,05%

low dosages due to a wide range of reagents



Water express-tests

allows for effective customization of any process



Government Approved

Approved for discharge into bodies of water designated for fishing and human use

Advantages

- ultrafast process of aggregation of the smallest particles into larger structures
- efficiency at low water temperatures and a wide pH range
- ultra low dosages
- products do not change the pH of purified water
- indifferent to the level of chlorination of water

All of our expertise will be at your service.

- extends filter life
- removes unicellular algae
- reduce costs, labor and waste management problems
- more convenient to prepare and use

Characteristics.

Parameter Name	Test Results
Appearance	loose white powder
Ionic character	anionic
Charge density	Высокий
Molecular weight	Ультра высокий
Bulk density, g / cm ³	
Appearance of the aqueous solution	colorless to a dark yellow liquid
Density at 20 ° C, g / cm ³	1

Application Process

1. From the general contaminated ГОЦ circuit, a bypass water purification line with a reserve sump is allocated.
2. At the 1st stage, chemical treatment of water is carried out in the water supply pipeline to the sump by coagulant and flocculant of the Atlantic Barque series.
3. At stages 2 and 3, physicochemical optimization of the water composition in the stabilization technology system is carried out
4. The clarified and softened water is again introduced into the main cycle of the ГОЦ

Laboratory Tests

Tests of Atlantic Barque coagulants and flocculants are carried out in Rossilber's laboratory. The effect of reducing the number of suspended particles and the hardness level are evaluated by the following parameters:

1. sedimentation rate of suspended particles;
2. estimation of the volume of sediment formed in the graduated cylinder;
3. color of water after reagent treatment.
4. express method of complexometric determination of hardness level.
5. express method for determining the pH of water after reagent treatment.

Deliveries

Atlantic Barque products are shipped in 25 kg bags.

Result

The use of a mix of coagulants and flocculants of the Atlantic Barque brand leads to a decrease in the content of both water hardness and heavy metal content, i.e. comprehensively affects the existing level of pollution.

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