



Carbon adsorbent from Möbius



What is it?

It is a new class of adsorbents, consisting mainly of high-quality ecologically clean carbon (94-97% based on the ashless product)

Organic substance in appearance it is a fine bulk black powder

Where it is applied?



- Oil spill response.
 - Industrial wastewater treatment.
 - Primary municipal wastewater treatment by filtration.
 - Amine solutions purification.
 - Production of high, low and medium performance filters.
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- Sorption water and any solid surfaces cleaning from dissolved organic substances and mineral oil of medium and high molecular weight, dyes, surfactants and pesticides and other substances.

Physical and chemical properties

Characteristics	Standart	Analysis result	Analysis method
Bulk density at 20° C, kg/m ³ , not more	650	581,5	GOST 2160
Mass fraction of ashes,%, not more	12,0	7,8	GOST 12596
Total sulphur mass fraction,%, not more	3,0	1,8	DSTU 3528
Adsorption activity under iodine, %, not less	30	30,7	GOST 6217
pH of aqueous extract, pH, u.	not normalized	6,8	GOST 4453-74, p. 4.7
Moisture mass fraction,%	not normalized	3,1	GOST 12597-67

* Adsorption capacity of the product under the petroleum is 5-7 g of petroleum on 1 g of adsorbent

Technical terms and conditions

Specifically for Möbius company SE “UHIN” for the first time has put into operation the technical conditions on carbon adsorbent, which was tested by Kiev Polytechnic Institute specialists.

We are the only company in the country, having the license on the manufacture of this product.

Record sample of the product marking when ordering it for identification and for the links to other normative documents: “Carbon adsorbent, TU U 20.1-00190443-118:2014”.



Manufacturer warranty



The manufacturer guarantees the compliance of adsorbent quality to the requirements of this standard, subject to compliance with the conditions of transportation and storage.

Warranty storage life of the product-12 months from the production date.

After the warranty period, the product should be checked before using for compliance with the quality requirements of these technical conditions.

Transportation and storage

- Carbon adsorbent refers to non-dangerous cargoes.
- It is transported by rail, road and in coordination with the consumer-sea or river transport in accordance with the rules of carriage of cargoes, operating in the relevant mode of the transport.
- Adsorbent in packed form is transported in closed vehicles.
- Each batch of the adsorbent, that is shipped to the consumer, is accompanied by the invoice, produced in accordance with the rules of carriage of cargoes, operating in the relevant mode of the transport.
- Adsorbent is stored in packed form at open warehouses under a cover or in facilities with natural ventilation, that protect the product from direct sunlight, moisture and solid impurities.

We will be glad to cooperate!

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