

sorbent



# ACTIVATED CARBONS

[en.carbonrus.com](http://en.carbonrus.com)





## ABOUT US

**JSC SORBENT WAS FOUNDED IN 1939.  
IT SPECIALIZES IN MANUFACTURING OF THE HIGH-QUALITY PRODUCTS  
FOR ENVIRONMENTAL PROTECTION AND PROTECTION FROM HARMFUL EFFECTS.  
IT IS THE LARGEST PRODUCER OF ACTIVATED CARBONS IN RUSSIA.**



**>1200**

**qualified  
specialists**



**>1000**

**consumers  
in Russia and abroad**



**up to 6000**

**tons of sorbents  
are produced annually**

# CONSTRUCTION OF A NEW PLANT

Since 2019, the construction of a new **ACTIVATED CARBON** plant is underway.



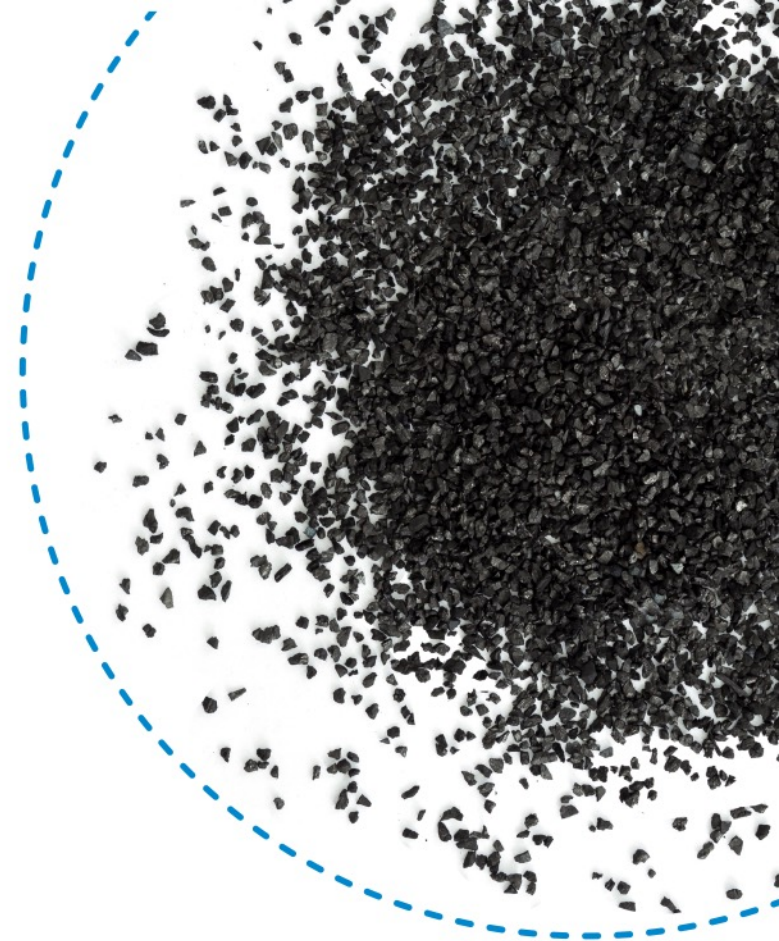
Modern equipment and careful quality control will make it possible to manufacture products that meet the most stringent requirements of the modern market.



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TECHNOLOGIES FOR CLEAN ENVIRONMENT

# RANGE OF PRODUCTS

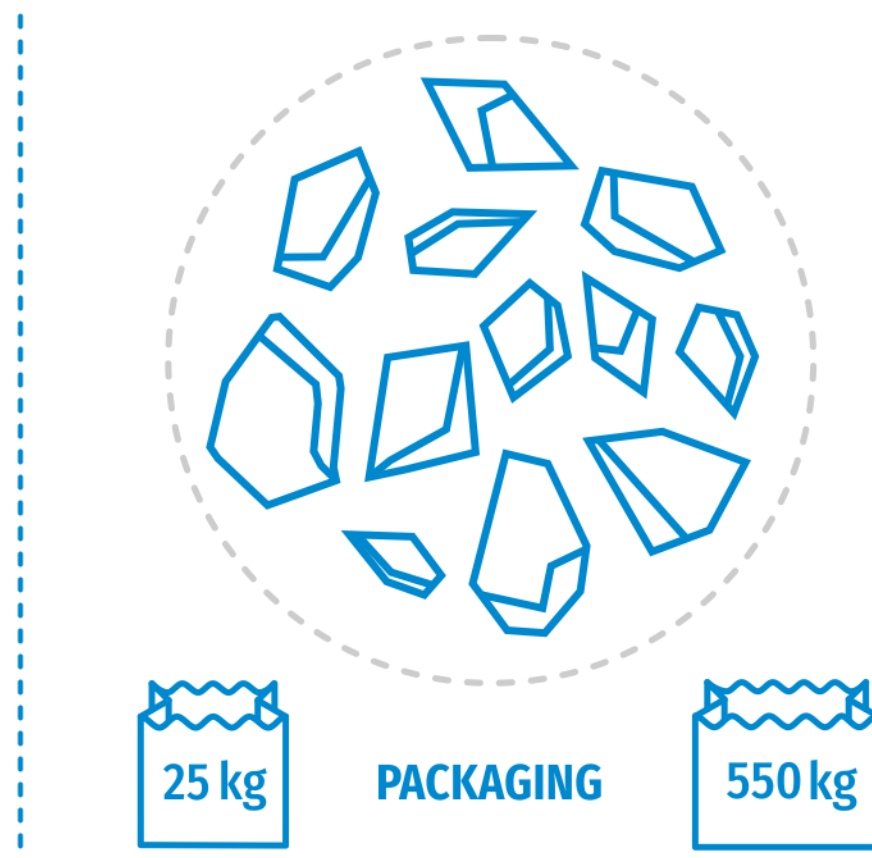


 ZELINSKY  
GROUP

# GRANULAR ACTIVATED CARBONS







**DAUSORB® ACTIVATED CARBONS** are sorbents made from special bituminous coal. They have high adsorption activity and are able to resist abrasion at high hydraulic loads.

NAME OF INDICATOR	NORMAL VALUE
Particle size	6x12 mesh (3,36 – 1,68 mm) 8x16 mesh (2,38 – 1,19 mm) 8x30 mesh (2,38 – 0,595 mm) 12x20 mesh (1,68 – 0,841 mm) 12x40 mesh (1,68 – 0,42 mm)
Hardness, %, not less	95
Moisture content, %, not more	5
Bulk density, g/dm <sup>3</sup>	400-600
Indicators of adsorption activity (determined by agreement with the buyer and are fixed in the specification):	
Iodine number, mg/g	700-1100
CTC, %	40-65



# PELLETIZED ACTIVATED CARBONS

**SORBER® ACTIVATED CARBONS** are sorbents made from special bituminous coal with a low ash content. They are effective for removing volatile contaminants from air and gas streams, as well as cleaning water from organic compounds.

NAME OF INDICATOR	NORMAL VALUE			
	SORBER-10	SORBER-15	SORBER-30	SORBER-40
Pellet diameter, mm	1	1,5	3	4
Hardness, %, not less	90			
Moisture content, %, not more	5			
Bulk density, g/dm <sup>3</sup>	410 – 600 (depending on sorbent activity)			
Indicators of adsorption activity	Determined by agreement with the buyer and are fixed in the specification			
Iodine number, mg/g, not less	800 - 1200			
CTC, %, not less	30 - 100			
Packaging	 20 kg  500/550 kg	 23/25 kg  500/550 kg	 23/25 kg  500/550 kg	

# APPLICATIONS

## DAUSORB®

## SORBER®-10,15



**WASTEWATER**



**POTABLE WATER**



**MUNICIPAL WATER TREATMENT**



**WATER PROCESSING**



**CATALYSTS**

## SORBER®-30,40



**INDUSTRIAL AIR**



**FLUE GAS**



**VOC INDUSTRIAL**



**ODOR CONTROL**



**MUNICIPAL WASTE COMBUSTORS**

# BENEFITS OF WORKING WITH US



## OWN PRODUCTION

We produce up to 6 thousand tons of sorbents per year from 100% domestic raw materials.



## LOGISTICS

We deliver products to the client in a short time.



## SERVICE

We offer turnkey solutions or manufacture products with parameters individually selected for the client.



## SCIENTIFIC AND TECHNICAL BASE

We are improving production technology, developing new trademarks of carbon at the test bench and in the scientific and technical laboratory.



## QUALITY

We control the quality of products in our own laboratory in accordance with the international standards - ASTM, GBT.



# sorbent

**ZELINSKY  
GROUP**

## WE INVITE YOU TO COOPERATION!

OUR CUSTOMERS ARE ALREADY  
BUYING QUALITY ACTIVATED  
CARBON. JOIN US!



[en.carbonrus.com](http://en.carbonrus.com) / [en.zelinskygroup.com](http://en.zelinskygroup.com)

e-mail: [carbon.sorbent@zelinskygroup.com](mailto:carbon.sorbent@zelinskygroup.com)

tel.: +7 (342) 258-62-57, +7 (964) 197 85 82