



CARBONE ATTIVO GRANULARE

Applicazione: trattamento acque

Rev. 0 - 03/24



CHARACTERISTICS

Carbosorb 830 is a high-quality granular activated carbon produced by physical activation of selected raw materials of mineral origin.

Thanks to its mesoporosity, Carbosorb 830 is particularly effective in removing organic contaminants such as pesticides, chlorinated and aromatic solvents, oils, colouring agents, phenols, tannins, odorous compounds.

It is also used for the removal of humic acids (trihalomethane precursors) from surface water.

It can be used for the removal of chlorine, ozone, hydrogen peroxide, permanganate and other oxidants.

Carbosorb 830 is used in numerous applications such as the production of drinking water, process water, condensate purification and wastewater treatment.



Carbosorb 830 meets the requirements of the UNI ISO EN 12915-1 standard "Products used for the treatment of water intended for human consumption - granular activated carbon".

The filter bed reclassifies perfectly even after multiple backwashes, while the adsorbent power remains unchanged over time, extending and optimizing the performance of the system.

Once exhausted, Carbosorb 830 can be recovered through thermal reactivation.



SUPPLY SPECIFICATIONS

Bags of Kg 25 on pallet

Drinking use.

TECHNICAL DATA

Code	48100004		
Iodine number	Astm D 4607	mg/g	950 min
Moisture at packaging	Astm D 2867	%	2
Grain size	Astm D 2862	Mesh	8 × 30
Particle size distribution	> 8 Mesh (2,36 mm) < 30 Mesh (0,60 mm)	%	5 5
Methylene blue index	Cefic	g /100g	20
Surface area (B.E.T.)	Astm D 3663	m2 / g	1.100
Apparent density	Astm D 2854	Kg / m3	480 – 500
Apparent density after backwashing		Kg / m3	430 – 450
Sulfur		%	0,5 max
Hardness	Astm D 3802	%	95
Ash content	Astm D 2866	%	12
pH	Astm D 3838	-	Alcalino
Dechlorinating power	DIN	cm	5.5

AVERAGE DELIVERY TIMES

2-3 weeks