ACTIVATED CARBON

Granular

Technical Data Sheet

ANTHRAFILTER™ ZM 90

PRODUCT DESCRIPTION

Camel ANTHRAFILTER™ ZM 90 is a virgin granular activated carbon produced by physical activation.
The raw materials and the activation technology result in its characteristics of high microporosity and large surface area.

PRODUCT USE

It is particularly recommended to get rid of micropollutants and of free chlorine.
Its properties make it suitable for the purification of drinking waters, for tertiary treatments of waste waters and for dechlorination processes.

PHYSICAL-CHEMICAL PARAMETERS

Main available sizes US Mesh (ASTM D 2862)	8 x 30 12 x 40 8 x16
Moisture as packed (ASTM D 2867)	< 3 %
Ash content (ASTM D 2866)	< 12 %
Apparent density (ASTM D 2854)	400 – 500 g/l
Iodine number (ASTM D 4607)	> 1000 mg /g
Surface area (B.E.T.)	>1050sqm / g
Methylene blue nr (Unichim 182)	> 25 %
Hardness (ASTM D 3802)	> 90 %
Abrasion number (AWWA B 604 – 74)	> 80 %
pH	basic

HANDLING PRECAUTIONS

Wear suitable gloves and eye protection. In case of contact with skin or eyes, rinse immediately with plenty of water. In case of perisistent irritation, seek medical advice. For more information, see MSDS.

STORAGE

Keep packaging tightly closed in a well-ventilated place and away from ignition sources and combustible materials.
Shelf life : 12 months when stored in the original packaging under the above storage conditions.

PACKAGING

ANTHRAFILTER™ ZM 90 is available in 500 kg big bags on pallet , in 20 kg bags on pallet and in bulk quantities by silo truck.
Other type of packing are available on request.

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