

# GRANULAR ACTIVE CARBON



FOOD  
SOLUTIONS

## DESCRIPTION

Expansion Electronic offers an activated carbon suitable for the removal of a wide range of bad smells and organic pollutants.

The predominance of micropores ensures effective removal of low molecular weight odorous particles, present at low concentrations, which are more complex to eliminate.

The extruded form of this product offers exceptional hardness and durability, especially in deep bed adsorption units where load stress can be high.

This activated carbon is particularly suitable for use in ventilation systems for commercial and industrial kitchens and air treatment systems in general.

Type of coal used: steam activated extruded carbon. Material: virgin regenerated coconut / bamboo fiber.

# TECHNICAL DATA

## SPECIFICATIONS:

CTC absorption .....	min. 35%
Moisture content, as packed.....	max. 5%
Ash content.....	max. 15%
Compactness .....	min. 98%

## TYPICAL PROPERTIES

Surface .....	850 m <sup>2</sup> /g
Absorption of butane .....	18%
Apparent density, exploited.....	530-590 kg/m <sup>3</sup>
Filling density, bulk .....	450-500 kg/m <sup>3</sup>
Pellet diameter tolerance.....	±10% dia.

## FEATURES AND BENEFITS

- Medium activity product
- Extruded form
- Predominantly microporous
- Exceptional hardness of the product
- Low dust formation properties
- Good friction resistance
- Excellent oil and odor removal
- Versatile absorbent.
- Constant characteristics of pressure loss

## AVAILABLE DIMENSIONS OF PELLETS

- Diameter 3 mm

## STANDARD PACKAGING

- 25 kg PE valve bag

## ABSORPTION CAPACITY

Selected compounds in the air

Compound	Type	Concentration	Capacity
Hexane	Aliphatic	10 ppmv	9.2
		1000 ppmv	15.2
Trichlorethene	Chlorinated	10 ppmv	19.6
		1000 ppmv	33.8
n-Propanol	Alcohol	10 ppmv	6.1
		1000 ppmv	16.1
Toluene	Aromatic	10 ppmv	15.2
		1000 ppmv	24.1