



# ACTIVATED CARBON

Technical Data Sheet

## Granular Coconut Shell Based Activated Carbon

Kockney Koi's Activated Carbon is a high activity granular carbon manufactured by high temperature steam activation from selected grades of coconut shell, therefore contains no metals.

It is suitable for use in a wide variety of liquid purification and applications, such as municipal drinking water treatment, POU/POE water treatment, dechlorination and ozone removal.

The well-developed microporous structure of Kockney Koi's Activated Carbon gives it a significant advantage when adsorbing lower molecular weight organic molecules, particularly under low concentration conditions.

### SPECIFICATION

Iodine Number	Min	1000 mg/g
Moisture (as packed)	Max	5 %
Ash Content	Max	4 %
Hardness	Min	98 %

### TYPICAL PROPERTIES

CTC Activity	55 %
Butane Activity	21 %
Surface Area (BET N <sub>2</sub> )	1100 m <sup>2</sup> /g
Apparent Density	0.50 g/cm <sup>3</sup>
Backwashed & Drained Bed Density	425 kg/m <sup>3</sup>

### Advantages

- Specialised micropore structure
- High adsorption capacity
- Large internal surface area
- Excellent hardness
- Low Dust
- NSF 61 Certified
- EN 12915 Approved



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**Safety Message:**  
 Activated carbon is a strong oxidizing agent and wet activated carbon preferentially removes oxygen from air. Take care when entering confined spaces where wet activated carbon is present.

**Notice:**  
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