

**Granular
activated
carbon**

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Granular coal-based activated carbon – COL-A50

COL-A50 is a medium activity Granular Activated Carbon manufactured by high temperature steam activation from selected grades of bituminous coal.

COL-A50 is suitable for use in a wide variety of air purification and vapour phase applications such as odour & VOC control, tank vent emissions, solvent degreasing, compressed gas oil separation and HVAC systems.

The optimised transport pore structure of COL-A50 provides fast adsorption kinetics which is particularly advantageous for shallow bed adsorbers.



Specification

CTC activity	min 50%
Butane activity	min 19%
Moisture (as packed)	max 5%
Ash content	max 15%
Hardness	min 90%

Advantages

- Optimised pore structure
- Good adsorption capacity
- Extensive internal surface area
- Excellent hardness
- Low dust
- High density

Standard packaging

- 25 kg sacks
- 500 kg big bags
- 550 kg big bags
- Bulk tankers



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Typical properties

Surface area (BET N ₂)	950 m ² /g
Apparent density	0.50 g/cm ³
Adsorber fill density	450 kg/m ³

Available sizes

4x8 (4.75 – 2.36 mm)	min 90%
6x12 (3.35 – 1.70 mm)	min 90%
8x16 (2.36 – 1.18 mm)	min 90%
30x60 (0.60 – 0.25 mm)	min 90%

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