

NGAC-5

GRANULAR COAL BASED ACTIVATED CARBON

NGAC-5 is a high activity Granular Activated Carbon manufactured by high temperature steam activation from selected grades of bituminous coal.

NGAC-5 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 NGAC-5 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	%

TYPICAL PROPERTIES

Surface Area (BET N ₂)	950	m ² /g
Aparent 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	%

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



NOTICE:

This information is offered solely for your consideration and verification. It has been gathered from reference materials and/or test procedures and is believed to be true and accurate. None of this information shall constitute a warranty or representation, expressed or implied, for which we assume legal responsibility or that the information or goods described is fit for any particular use either alone or in combination with other goods or processes.

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