

# NPEC-5

## PELLETISED COAL BASED ACTIVATED CARBON

NPEC-5 is a high activity Pelletised Activated Carbon manufactured by high temperature steam activation from selected grades of anthracite coal.

NPEC-5 is suitable for use in a wide variety of air purification and vapour phase applications such as odor & VOC control, tank vent emissions, solvent degreasing, compressed gas oil separation and HVAC systems.

The large number of transport pores, high surface area and exceptional pore volume of adsorption and transport pore structure enable NPEC-5 to provide rapid adsorption kinetics and high loading capacity.

### SPECIFICATION

CTC Activity	min	50	%
Butane Activity	min	19	%
Moisture (as packed)	max	5	%
Ash Content	max	13	%

### TYPICAL PROPERTIES

Hardness	97	%
Surface Area (BET N <sub>2</sub> )	950	m <sup>2</sup> /g
Apparent Density	0.50	g/cm <sup>3</sup>
Adsorber Fill Density	460	kg/m <sup>3</sup>

### AVAILABLE SIZES

- 2mm (extruded pellet)
- 3mm (extruded pellet)
- 4mm (extruded pellet)
- 5mm (extruded pellet)

### ADVANTAGES

- Optimised pore structure
- High adsorption capacity
- Large Internal surface area
- Excellent hardness
- Low dust
- High density
- Low pressure drop

### STANDARD PACKAGING

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



#### NOTICE:

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