

CU50

IMPREGNATED EXTRUDED ACTIVATED CARBON

CU50 is an impregnated Extruded Activated Carbon manufactured by high temperature steam activation from selected grades of coal which is then impregnated with and thermally processed to provide copper oxide (CuO) within the carbon's pore structure.

CU50 is suitable for use in a wide variety of air purification and vapour phase applications such as sewage odour control, catalyst bed protection, general odour control and air treatment systems at museums and other similar storage facilities.

The well controlled impregnation process ensures CU50 provides advantages for adsorption of gases such as hydrogen sulfide, organic mercaptans, organic sulphides, sulfur dioxide, nitrogen dioxide and oxides of nitrogen. CU50 is also able to remove organic vapours and decompose ozone.

SPECIFICATION

CuO content		50	%
Moisture (as packed)	max	5	%
Hardness	min	98	%

TYPICAL PROPERTIES

CTC Activity (impregnated carbon)	55	%
Butane Activity (impregnated carbon)	21	%
Apparent Density	0.53	g/cm ³
Adsorber Fill Density	480	kg/m ³
H ₂ S Adsorption Index	180	

AVAILABLE SIZES

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

ADVANTAGES

- Exceptional purity
- Specialised impregnation
- Enhanced adsorption kinetics for sulphurous compounds
- High sulfur loading capacity
- Operates in low oxygen environments
- Excellent hardness
- Low dust
- Easy filter loading

STANDARD PACKAGING

- 25 kg sacks
- 500 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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