

COL-IC60

Impregnated pelletised activated carbon

COL-IC60 is an impregnated pelletised 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.

COL-IC60 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 **COL-IC60** provides advantages for adsorption of gases such as hydrogen sulphide, organic mercaptans, sulphur dioxide, nitrogen dioxide and oxides of nitrogen. **COL-IC60** can remove organic vapours and remove ozone.



SPECIFICATIONS	COL-IC60	TEST METHOD
CTC Activity	55%	ASTM D3467
CuO Content, min	5%	CAC TM
Moisture as packed, max	<5%	ASTM D2867
Hardness, min	98%	ASTM D3802
Ash, max	15%	ASTM D3838
Apparent Density	0.55 g/cc	ASTM D2854



TYPICAL APPLICATIONS

- Odour control
- Catalyst bed protection
- Air filtration
- Biogas purification
- Ozone
- Organic vapours removal
- VSCs removal
- Sulphur dioxide removal

ADVANTAGES

- Exceptional purity
- Specialised impregnation
- Enhanced adsorption kinetics
- High sulphur loading capacity
- Excellent hardness
- Low dust
- Easy filter loading
- Resistant to high humidity loading up to 98%RH

SORPTION PARAMETERS

- H₂S adsorb capacity 0.15-0.22g/cc

AVAILABLE SIZES

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

STANDARD PACKAGING

- 12.5kg polypropylene bags
- 25kg polypropylene bags
- 500kg supersacks

