

# OCM-MercCAT

## IMPREGNATED ACTIVATED CARBON

OCM-MercCAT is a powdered activated carbon specially impregnated to enhance mercury removal in flue gas treatment. The impregnation process enables the carbon to actively bind with both elemental and ionic mercury with high efficiency and retention. The impregnated activated carbon is typically injected into the flue gas stream where it mixes with the gas and captures contaminants. The treated carbon is then captured through a standard particulate separation system. In addition to mercury, this activated carbon substrate maintains capacity for adsorbing dioxins and furans.

The special chemical impregnation of OCM-MercCAT ensures compliance with stringent removal efficiency regulations while contributing to environmental protection.

OCM-MercCAT is commonly found in applications such as natural gas and by-product hydrogen purification, waste incineration and fluorescent lamp recycling.

### SPECIFICATION

Iodine number (base carbon)	min	1000	mg/g
Moisture content, as packed	max	18	%
Total ash content	max	20	%

### TYPICAL PROPERTIES

Surface area (BET)	850	mg <sup>2</sup> /g
Apparent density, aspirated	415	kg/m <sup>3</sup>
Apparent density, tapped	560	kg/m <sup>3</sup>

### AVAILABLE SIZES

≤ Mesh 325

PAC-C (< 65% < 75 µm)

PAC-S (> 90% < 75 µm)

Other sizes available on request

### ADVANTAGES

- Chemically impregnated
- Bromine free
- High performance
- Consistent quality
- High mercury loading capacity
- Effective heavy metals removal
- Non-hazardous spent product
- Dioxin and furans removal

### STANDARD PACKAGING

- 25 kg sacks
- 500 kg big bags
- Other forms of packaging available on request



#### NOTICE:

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