



TECHNICAL DATASHEET

GM85P

Powdered Activated Carbon for Mercury and Dioxins Removal

GM85P is a high-activity powdered activated carbon produced by steam activation of carefully selected bituminous coal grades.

Engineered with an optimized pore structure, it delivers outstanding performance in the control of dioxins, furans, and heavy metals from gaseous incinerator waste streams.

Its enhanced adsorption and transport pore system ensures effective capture and retention of harmful compounds, making it an ideal solution for emission control in demanding industrial applications.

SPECIFICATION AND TYPICAL PROPERTIES*

Base material	Coal
Ash Content % Max	20%
Moisture % Max	5%
Iodine value Min	850 mg/g
BET surface area	900 m ² /g
Particle size % passing 325 mesh	90%
Bulk density kg/m ³ (after Impregnation)	≥500

*Specifications and typical properties are listed for informational purposes only and not to be used as purchase specifications.

Typical Applications

- Emission control in municipal waste-to-energy plants
- Treatment of flue gas from clinical waste incinerators
- Removal of pollutants from hazardous waste incineration
- Air purification in coal-fired power plants
- Cleaning emissions from thermal soil remediation facilities
- Other industrial applications

Features and Benefits

- High activity powdered carbon for effective pollutant capture
- Optimized macropore volume for enhanced contaminant transport
- High surface reactivity for superior adsorption performance
- Excellent kinetics for rapid diffusion
- Proven effectiveness in heavy metals, dioxins, and furans removal

Standard Packaging

- 25kg bag
- 500kg bulk bag
- 550kg bulk bag
- Other packing considered on request

Disposal

At the end of its useful life, all carbon media should be disposed of in a responsible manner and in accordance with all sites, local and statutory regulations relevant to the point of use.

