

What is PowerPAC™?

PowerPAC™ is a powdered activated carbon that has been manufactured specifically for removing mercury emissions from the flue gases of coal-fired power plants. This product utilizes select feedstock and is produced under tightly controlled operating conditions. It has been designed for power plants, industrial boilers and kilns that burn highly chlorinated bituminous coal. Tests have shown this to produce the most effective activated carbons in full-scale testing at power plants.

Specifications and Properties

Product Name	PowerPAC™
Description	Powdered activated carbon
Product Specifications	
Moisture	8% maximum as packed
Size	95% minimum minus 325 mesh
Typical Properties	
Tap Density	0.4-0.7 g/cm ³
Ignition Temperature	Greater than 400°C (752°F)

Packaging and Delivery

ADA PowerPAC™ can be purchased in 1000-pound bags, or can be delivered in pneumatic bulk trailers.

Safety Warning

If powdered activated carbon becomes wet while in a confined or closed space, it may deplete the oxygen levels from the air. The oxygen content of the air in the confined space should be determined before workers are allowed to enter such a space. All applicable low-oxygen work rules and procedure should be followed.

Avoid excessive inhalation of activated carbon dust. Appropriate protective equipment should be worn when working with activated carbon, including eyewear and respiratory protection.

Product Benefits

- Effective pore structure for mercury adsorption
- Small average particle size (approximately 20 µm)
- Handles and flows well in utility injection systems
- Backed by ADA's mercury control expertise