

# WPAC-85/18

## FLUE GAS POWDERED ACTIVATED CARBON

WPAC-85/18 is a Powdered Activated Carbon manufactured by high temperature steam activation and homogenised for consistent performance.

WPAC-85/18 is designed for flue gas treatment and offers a special pore structure that provides high adsorption capacity for dioxins and mercury when injected into the abatement system.

Due to the optimised balance between adsorption and transport pores of WPAC-85/18 it's suitable for use in dryscrubbing, wet-dry, semi-wet, semidry and wet scrubbing.

### SPECIFICATION

|               |     |     |      |
|---------------|-----|-----|------|
| Iodine Number | min | 850 | mg/g |
| Ash Content   | max | 18  | %    |

### TYPICAL PROPERTIES

|                                    |     |                   |
|------------------------------------|-----|-------------------|
| Surface Area (BET N <sub>2</sub> ) | 900 | m <sup>2</sup> /g |
| Fill Density                       | 400 | kg/m <sup>3</sup> |
| Moisture (as packed)               | 5   | %                 |

### AVAILABLE SIZES

|                |     |    |   |
|----------------|-----|----|---|
| M100 (<150 µm) | min | 80 | % |
| M200 (<75 µm)  | min | 80 | % |
| M325 (<45 µm)  | min | 80 | % |

### TYPICAL SIZE DISTRIBUTION

| (%wtf/wt) | M100 | M200 | M325 |
|-----------|------|------|------|
| <250 µm   | 95   | 100  | 100  |
| <150 µm   | 80   | 99   | 100  |
| <75 µm    | 50   | 90   | 99   |
| <45 µm    | 20   | 75   | 80   |
| <20 µm    | 10   | 50   | 50   |

### ADVANTAGES

- High adsorption capacity
- Consistent quality from thorough activation
- Optimum pore structure for rapid adsorption
- Homogenised particle size
- Simple and effective treatment to comply with regulations

### STANDARD PACKAGING

- 25 kg sacks
- 500 kg big bags
- Bulk tankers



#### NOTICE:

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