

# COL-PL850/15

## POWDERED COAL BASED ACTIVATED CARBON

COL-PL850/15 is a medium activity Powdered Activated Carbon manufactured by high temperature steam activation from selected grades of bituminous coal.

COL-PL850/15 is an excellent general-purpose adsorbent with the ability to adsorb and decolour liquids. COL-PL850/15 offers excellent performance in liquid treatment applications where low concentrations of medium molecular weight compounds are present.

Due to the optimised balance between adsorption and transport pores and the particle sizes of COL-PL850/15 provide rapid adsorption kinetic with little to no effect on liquid characteristics during the contact phase.

### SPECIFICATION

Iodine Number	min	850	mg/g
Moisture (as packed)	max	5	%
Ash Content	max	15	%

### TYPICAL PROPERTIES

Surface Area (BET N <sub>2</sub> )	900	m <sup>2</sup> /g
Apparent Density	0.50	g/cm <sup>3</sup>

### AVAILABLE SIZES

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

### ADVANTAGES

- Balance of transport and adsorption pores
- Excellent adsorption kinetics
- Good pore volume
- Good general-purpose adsorbent
- Suitable for drinking water
- Suitable for waste water
- NSF 61 Certified

### STANDARD PACKAGING

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



#### NOTICE:

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