

# COL-PL700/15

## POWDERED COAL BASED ACTIVATED CARBON

COL-PL700/15 is a medium activity Powdered Activated Carbon manufactured by high temperature steam activation from selected grades of bituminous coal.

COL-PL700/15 is an excellent general-purpose adsorbent with the ability to adsorb and decolour liquids. COL-PL700/15 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-PL700/15 provide rapid adsorption kinetic with little to no effect on liquid characteristics during the contact phase.

### SPECIFICATION

Iodine Number	min	700	mg/g
Moisture (as packed)	max	5	%
Ash Content	max	15	%

### TYPICAL PROPERTIES

Surface Area (BET N <sub>2</sub> )	750	m <sup>2</sup> /g
Apparent Density	0.55	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:

This information is offered solely for your consideration and verification. It has been gathered from reference materials and/or test procedures and is believed to be true and accurate. None of this information shall constitute a warranty or representation, expressed or implied, for which we assume legal responsibility or that the information or goods described is fit for any particular use either alone or in combination with other goods or processes.

Elektravägen 53  
SE-126 30 Hägersten, Sweden  
+46 10 252 30 00  
www.mellifiq.com



© Water Maid



**watermaid**  
a MELLIFIQ brand