

# CLARCEL® CBL3, CBL, CBR, CBR3

# **Calcined Diatomaceous Earth**

### **DESCRIPTION**

CLARCEL® CBL3, CBL, CBR, CBR3 filter aids are obtained by the means of calcination of purified diatomite.

**CLARCEL**<sup>®</sup> **CBL3**, **CBL**, **CBR3** appear as pinkish beige products, their silica content (SiO<sub>2</sub>) is about 89 %.

#### **APPLICATION**

**CLARCEL® CBL3, CBL, CBR, CBR3** are aimed at separation of solids from liquids through fine filtration, leading to the retention of micronic particles.

- Clarification of beverages: Beer, fruit juice, cider, wine ...
- Clarification of chemical and pharmaceutical products.

**CLARCEL® CBL3, CBL, CBR, CBR3** comply with the current monograph's specifications of the US Food Chemical Codex.

#### **PACKAGING**

- Bulk
- 20 kg bags
- Big bags
- Other packaging could be available upon request

## **STORAGE**

 $\textbf{CLARCEL}^{\circledR}$  should be stored in its original packing, in a dry warehouse, free of volatile matter.

### **PROPERTIES**

SPECIFICATIONS		CBL3	CBL	CBR	CBR3
Permeability (Darcy)	Min. Max.	0.03 0.05	0.05 0.10	0.09 0.16	0.16 0.30
Cake density (g/cm³)		≤ 0.40	≤ 0.40	≤ 0.41	≤ 0.41
Laser Granulometry D80 (µm)		≤ 60	≤ 100	≤ 150	≤ 170

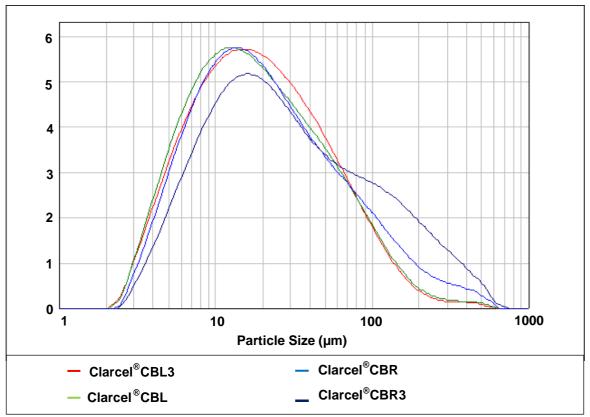
(Please refer to the Sales Specification Sheets, which state the Chemviron test method used to define the above specifications. Copies are available upon request.)

TYPICAL PROPERTIES	CBL3	CBL	CBR	CBR3
Retained on 500 µm (%)	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Loss on ignition (%)	0.5	0.5	0.5	0.5
Moisture (%)	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
рН	6	6	6	6





## TYPICAL PARTICULE SIZE DISTRIBUTION



# **QUALITY**

Each of our worldwide operations has achieved ISO 9001:2015 certification for their quality management system related to activated carbon. Chemviron guarantees the specifications against representative sampling.

### **CHEMVIRON**

**Chemviron**, the European operation of Calgon Carbon Corporation, is a global manufacturer, supplier, and developer of activated carbons, innovative treatment systems, value added technologies and services for optimising production processes and safely purifying the environment.

With our experience developed since the early years of the twentieth century, facilities around the world, and a world-class team of over 1,300 employees, Calgon Carbon Corporation can provide the solutions to your most difficult purification challenges.

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