

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® CBL3, CBL, CBR, CBR3 appear as pinkish beige products, their silica content (SiO₂) 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

CLARCEL® should be stored in its original packing, in a dry warehouse, free of volatile matter.

PROPERTIES

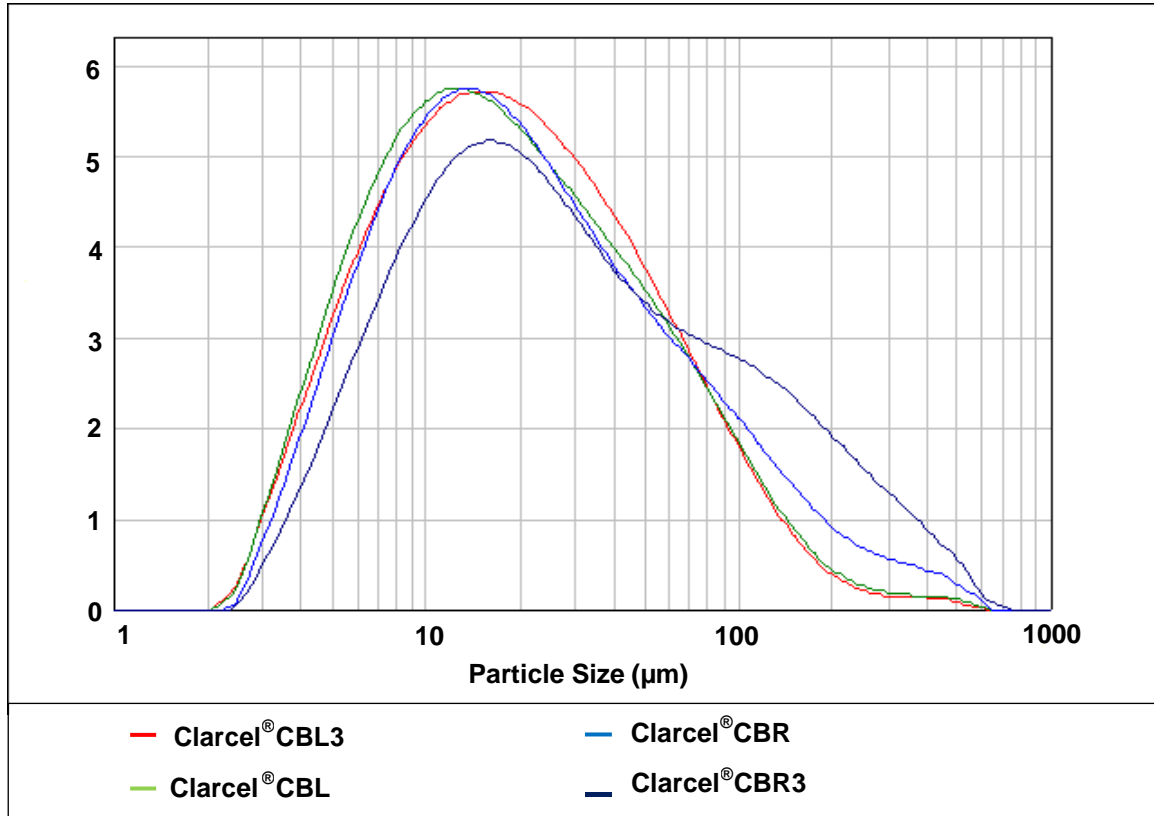
SPECIFICATIONS	CBL3	CBL	CBR	CBR3	
Permeability (Darcy)	Min.	0.03	0.05	0.09	0.16
	Max.	0.05	0.10	0.16	0.30
Cake density (g/cm ³)	≤ 0.40	≤ 0.40	≤ 0.41	≤ 0.41	
Laser Granulometry D80 (µm)	≤ 60	≤ 100	≤ 150	≤ 170	

(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
pH	6	6	6	6



TYPICAL PARTICLE 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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