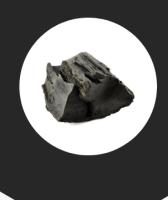
## DELTA CARBON

ADVANCED BIO BASED MATERIAL



Biobased materials are green alternatives to their petroleumbased counterparts. New bio-based materials that can compete with traditional are essential elements of future sustainable technologies.

## **Application**

- 1) Adsorption
- 2) Odour control (functionality depends on application).
- 3) Separation of hydrophilic compounds (Cfix>95%).
- 4) Industrial wastewater purification (Cfix>90%).
- 5) Catalyst support
- 6) Electrode materials for capacitors (Cfix>95%).
- 7) Membrane (Cfix>90%).

## Contact



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## Specification

Delta-carbon with a high Cfix value

Appearance: Black Powder

Bulk Density: < 0.33 g/cm<sup>3</sup>

pH: 7 (20 °C)

Total pore volume: > 0.5 ml / g

Mesoporosity level: > 60%

BET Surface area:  $\rightarrow$  300 m2/g

Ash content: < 1%

Cfix: > 95%

Average pore width is around 7nm

\*Our technology is flexible, and some main characteristics could be varied within 15-20% of the specification.

