

Filtracarb® OD2

Filtracarb® OD2 is a high quality gas-phase adsorbent manufactured from specially selected grades of coal by a steam activation process.

Filtracarb® OD2 is manufactured under stringently controlled conditions to produce a porous adsorbent with a highly developed surface area.

Filtracarb® OD2 is impregnated with a high loading of alkaline chemicals to optimise the removal of sulfur compounds at moisture levels of up to 95% relative humidity (RH).

KEY PRODUCT FEATURES

- High capacity for removal of hydrogen sulfide (H₂S)
- High capacity for the physical adsorption of mercaptans
- Optimum adsorption kinetics
- Excellent product hardness
- Specially de-dusted product
- Supplied to BS EN ISO 9001:2015 and ISO 14001:2015

TYPICAL PROPERTIES

Parameter	Unit	Value	Method
Type		Coal	
Moisture as packed	%	15	ASTM D2867
Particle size distribution	mm	3 - 6	ASTM D2862
Hardness	%	96	ASTM D3802
Bulk density	g cm ⁻³	0.49	ASTM D2854
Ash	%	15	ASTM D2866
Ignition temperature	°C	400	ASTM D3466
Dust content	%	0.5	ASTM D2862
CTC	%	55	ASTM D3467
Surface area	m ² g ⁻¹	1000	BET N ₂
Catalytic impregnant	%	7 – 8	

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PRODUCT

Typical properties reflect average values from product analysis.

All tests are based on American Standard Test Methods (ASTM) unless otherwise stated.

Activated carbon is manufactured from naturally occurring products and is therefore subject to natural variation, which occurs from batch to batch.

Information is valid on the date of issue. As part of our policy of continuous development, however, CPL Activated Carbons reserves the right to modify specifications without prior notice. To obtain a current up to date sales specification with test methods, please contact CPL Activated Carbons.

PACKAGING AND TRANSPORTATION

- 20 kg/25 kg on 500 kg net weight per pallet (double stacked)
- 500 kg and 1000 kg net weight Big Bags on a pallet
- One of our range of Clean-Flo® VOCSorber® mobile carbon filters, either 2m³, 5m³ or 30m³

Virgin and Regenerated Activated Carbons are exempt from DOT, IATA and IMDG regulations.

H.S. Tariff Code: 38 02 10 000

CAS Number: 7440-44-0

CPL REACH Registration numbers: 01-2119488894-16-0004/0044



SAFETY WARNING

Avoid inhalation of carbon dust. Wet activated carbon depletes oxygen in confined spaces. Appropriate safety equipment should be worn when handling activated carbon products — please refer to our SDS for more details.

Some impregnated carbons are prone to self-heating following installation, especially in the presence of high concentrations of contaminants. In such cases, the ventilation fan for the system should be utilised during the filling of the unit and for 24 hours following installation or service. If you are unsure if this will affect you please discuss with us prior to commencing installation.

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