

Filtracarb® EX54

Filtracarb® EX54 is a cylindrical extruded pellet manufactured from specially selected grades of coal by a steam activation process.

Filtracarb® EX54 is manufactured under stringently controlled conditions to produce a porous adsorbent with a highly developed surface area.

Key Product Features

- Versatile multi-phase adsorbent
- Optimum adsorption kinetics
- Excellent product hardness
- Specially de-dusted product
- Supplied to BS EN ISO 9001:2008

Typical Properties

| Parameter | Unit | Value | Method |
|----------------------|--------------------------------|---------|--------------------|
| Type | | Coal | |
| Butane | % | 19.5 | ASTM D5742 |
| Iodine number | mg g ⁻¹ | 900 | ASTM D4607 |
| Moisture as packed | % max | 5 | ASTM D2867 |
| Pellet Diameter | Mm | 4 ± 20% | ASTM D2862 |
| Hardness | % | 96 | ASTM D3802 |
| Bulk density | g cm ⁻³ | 0.49 | ASTM D2854 |
| pH aqueous extract | | 8 – 11 | ASTM D3838 |
| Ash | % | 12 | ASTM D2866 |
| Ignition temperature | °C | 400 | ASTM D3466 |
| CTC | % min | 50 | ASTM D3467 |
| Surface area | m ² g ⁻¹ | 1000 | BET N ₂ |

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, however, as part of our policy of continuous development, CPL Carbon Link reserve the right to modify specifications without prior notice. To obtain a current up to date sales specification with test methods, please contact CPL Carbon Link.

PACKAGING AND TRANSPORTATION.

20Kg/25Kg on 500 kg net weight per pallet (double stacked), shrink wrapped
500Kg and 1000Kg net weight Bulk bags on a pallet, shrink wrapped
Bulk Tanker

Packaging is subject to availability.

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 Carbon Link Reach Registration number: 01-2119488894-16-0004

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 MSDS for more details.

Some Impregnated Carbons are prone to self-heating following installation, especially in the presence of high concentrations of contaminants. In this case, the ventilation fan for the system should be utilized 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.