

Filtracarb® RT5 8 x 30 US

Filtracarb® RT5 8 x 30 US is a granular activated carbon manufactured from specially selected grades of coconut shell by a steam activation process.

Filtracarb® RT5 8 x 30 US is manufactured under stringently controlled conditions to produce a porous adsorbent with a highly developed surface area.

Key Product Features

- Versatile multi-phase adsorbent
- Low pressure drop characteristics
- Excellent product hardness
- Low Dust
- Supplied to BS EN ISO 9001:2008

Typical Properties

Parameter	Unit	Value	Method
Type		coconut shell	
Butane	% min	17.5	ASTM D5742
CTC	% min	45	ASTM D3467
Moisture as packed	% max	5	ASTM D2867
Mesh size US sieve:-			ASTM D2862
+ 8 (2.36 mm)	% max	5	
8x30 (2.36 – 0.6 mm)		balance	
- 30 (0.6 mm)	% max	5	
- 35 (0.5 mm)	% max	1	
Hardness	% min	99	ASTM D3802
Bulk density	g ml ⁻¹	0.55 – 0.58	ASTM D2854
pH aqueous extract		9 – 11	ASTM D3838
Ash	%	2	ASTM D2866
Iodine number	mg g ⁻¹	920	ASTM D4607
Surface area	m ² g ⁻¹	990	BET N ₂
Pore volume	ml g ⁻¹	0.58	
Pore size distribution:-			
micropores (r < 1nm)	cm ³ g ⁻¹	0.33	N ₂ Isotherm
mesopores (r = 1-25nm)	cm ³ g ⁻¹	0.10	N ₂ Isotherm
macropores (r > 25nm)	cm ³ g ⁻¹	0.15	Hg Porosimetry

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.