

## Filtracarb® SK1 PAC

Filtracarb® SK1 PAC is a powdered activated carbon manufactured from specially selected grades of coal by a steam activation process.

Filtracarb® SK1 PAC is manufactured under stringently controlled conditions to produce a porous adsorbent with a highly developed surface area.

### Key Product Features

- Versatile liquid phase adsorbent
- Highly developed pore structure
- Excellent dispersion properties
- Optimum organic removal efficiency
- For use in industrial and effluent treatment.
- Supplied to BS EN ISO 9001:2008

### Properties

Parameter	Unit	Value	Method
Type		coal	
Iodine number	mg g <sup>-1</sup>	1000	ASTM D4607
Moisture as packed	% max	5	ASTM D2867
Mesh size US sieve:-			Malvern
d10	µm	4 - 7	
d50	µm	24 - 34	
d90	µm	90 - 100	
Bulk density	g cm <sup>-3</sup>	0.35 – 0.45	ASTM D2854
Ash	%	<14	ASTM D2866
Ash (water soluble)	%	<0.2	CPL Method
pH aqueous extract		7 - 9	ASTM D3838
Surface area	m <sup>2</sup> g <sup>-1</sup>	1300	BET N <sub>2</sub>
Pore volume	ml g <sup>-1</sup>	1.3	CPL Method

## **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.