

ACTIVATED CARBON DATASHEET



EXTRUDED COAL BASED ACTIVATED CARBON

ACF-1000

PRODUCT KEY FEATURES

- ⇒ Exceptional adsorption characteristics
- ⇒ Extensive pore structure
- ⇒ Rigorously de-dusted
- ⇒ Low moisture and ash content
- ⇒ Exceptional hardness & strength

TYPICAL APPLICATIONS

- ⇒ Taste and odour removal
- ⇒ Adsorption of pesticides and herbicides
- ⇒ Control of TOX, BOD and COD
- ⇒ Reduction of TOC, BOD and COD
- ⇒ Adsorption of dissolved organic compounds

Characteristics	Unit	Value	Method
Carbon tetrachloride activity (CTC)	%	105	ASTM D3467
Butane activity	%	40	ASTM D5742
Surface area	m ² g ⁻¹	1450	BET N2
Total pore volume	cm ³ g ⁻¹	1.5	Porosimetry (N2/HG)
Apparent density	kg m ⁻³	360	ASTM D2854
Moisture content – as packed	%	2	ASTM D2867
Total ash content	%	8	ASTM D2866
Ball-pan hardness number	%	98	ASTM D3802

Particles size US sieve	Unit	Sizes					
Available pellet diameters	mm	1.5	2	3	4	5	6
Pellet diameter tolerance	%	5	5	5	10	10	10

The above data has been compiled using the specified test method on material which has been sampled in accordance with the American Society for Testing and Material guidance for sampling activated carbon as given in practice ASTM E300-1996

Active Carbon Filters Ltd
Unit 4 Vickers Industrial Estate
Morecambe Lancashire
LA3 3EN United Kingdom

ACTIVE
FILTERS LIMITED
CARBON

Tel: +44 (0)1524 847 600
Fax: +44 (0)1524 847 800
Email: info@activecarbonfilters.com
Web: www.activecarbonfilters.com

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