

ACTIVATED CARBON DATASHEET



IMPREGNATED EXTRUDED COAL BASED ACTIVATED CARBON

ACF-200KI

PRODUCT KEY FEATURES

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

TYPICAL APPLICATIONS

- ⇒ All the application benefits of a base carbon
- ⇒ ACF200KI is specially impregnated for acid gas removal

Characteristics	Unit	Value	Method
Carbon tetrachloride activity (CTC)	%	65	ASTM D3467
Butane activity	%	25	ASTM D5742
Surface area	m ² g ⁻¹	1000	BET N2
Total pore volume	cm ³ g ⁻¹	0.76	Porosimetry (N2/Hg)
Apparent density	kg m ⁻³	630	ASTM D2854
Moisture content – as packed	%	10	ASTM D2867
Total ash content	%	9	ASTM D2866
Ball-pan hardness number	%	99	ASTM D3802
Impregnant	%	10	Atomic Absorption

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

ACF/200KI/2003