

ACTIVATED CARBON DATASHEET



GRANULAR COAL BASED ACTIVATED CARBON

ACF-100BS

PRODUCT KEY FEATURES

- ⇒ Exceptional adsorption characteristics
- ⇒ High total pore volume
- ⇒ Rigorously de-dusted
- ⇒ High density – readily water wets
- ⇒ Maximum yield on regeneration

TYPICAL APPLICATIONS

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

Characteristics	Unit	Value	Method
Carbon tetrachloride activity (CTC)	%	55	ASTM D3467
Butane activity	%	21	ASTM D5742
Surface area	m ² g ⁻¹	950	BET N2
Total pore volume	cm ³ g ⁻¹	0.88	Porosimetry (N2/Hg)
Apparent density	kg m ⁻³	500	ASTM D2854
Moisture content – as packed	%	3	ASTM D2867
Total ash content	%	12	ASTM D2866
Ignition temperature	°C	425	ASTM D3466
Ball-pan hardness number	%	94	ASTM D3802

Particle size US sieve		8x16	6x12	4x10
>4 (4.75mm)	%	-	-	5
>6 (3.35mm)	%	-	5	-
>8 (2.36mm)	%	5	-	-
>10 (2.00mm)	%	-	-	4
>12 (1.70mm)	%	-	4	-
<16 (1.18mm)	%	4	-	-
<20 (0.85mm)	%	-	-	-
<30 (0.60mm)	%	-	-	-

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

