

ACTIVATED CARBON DATASHEET



POWDERED COAL BASED ACTIVATED CARBON

ACF-100PAC

PRODUCT KEY FEATURES

- ⇒ Excellent adsorption characteristics
- ⇒ Maximum total pore volume
- ⇒ Highly developed internal pore volume
- ⇒ Extensive surface area

TYPICAL APPLICATIONS

- ⇒ For use in dosing application such as water treatment and decolourisation

Characteristics	Unit	Value	Method
Iodine	mg g ⁻¹ min	1000	ASTM D4607
Surface area	m ² g ⁻¹	1300	BET N2
Total pore volume	cm ³ g ⁻¹	1300	Porosimetry (N2/Hg)
Apparent density	kg m ⁻³	350	ASTM D2854
Ash content	%	<10	ASTM D2866
Moisture content – as packed	%	2	ASTM D2867
Water soluble matter	%	0.2	ACF TEST

Particles size US sieve	Unit	200 µm	150 µm	75 µm
ACF-100PAC	%	100	95	85

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

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