

ACTIVATED CARBON DATASHEET



IMPREGNATED EXTRUDED COAL BASED ACTIVATED CARBON

ACF-600MR

PRODUCT KEY FEATURES

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

TYPICAL APPLICATIONS

- ⇒ All the application benefits of a base carbon
- ⇒ ACF600MR is specially impregnated for mercury removal

Characteristics	Unit	Value	Method
Carbon tetrachloride activity (CTC)	%	70	ASTM D3467
Butane activity	%	28	ASTM D5742
Surface area	m ² g ⁻¹	1100	BET N2
Total pore volume	cm ³ g ⁻¹	940	Porosimetry (N2/Hg)
Apparent density	kg m ⁻³	600	ASTM D2854
Moisture content – as packed	%	2	ASTM D2867
Total ash content	%	8	ASTM D2866
Ignition temperature	°C	425	ASTM D3466
Ball-pan hardness number	%	99	ASTM D3802
Impregnant	%	12-14	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

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