

ACTIVATED CARBON DATASHEET



IMPREGNATED GRANULAR COCONUT BASED ACTIVATED CARBON

ACF-700AM

PRODUCT KEY FEATURES

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

TYPICAL APPLICATIONS

- ⇒ All the application benefits of a base carbon
- ⇒ ACF700AM is specially impregnated for alkali gas removal

Characteristics	Unit	Value	Method
Carbon tetrachloride activity (CTC)	%	60	ASTM D3467
Iodine	mg g ⁻¹ min	1000	ASTM D4607
Surface area	m ² g ⁻¹	1050	BET N2
Total pore volume	cm ³ g ⁻¹	1.105	Porosimetry (N2/Hg)
Apparent density	kg m ⁻³	480	ASTM D2854
Moisture content – as packed	%	2	ASTM D2867
Ball-pan hardness number	%	95	ASTM D3802
Impregnant	%	5	Atomic absorption

Particle size US sieve	Unit	3x6	4x8	6x12
>3 (6.30mm)	%	4	-	-
>4 (3.36mm)	%	-	4	-
>6 (3.35mm)	%	-	-	5
>8 (2.36mm)	%	-	-	-
<6 (3.35mm)	%	3	-	-
<8 (2.36mm)	%	-	3	-
<12 (1.70mm)	%	-	-	5

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 Materials guidance for sampling activated carbon as given in practice ASTM E300-1996

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