



Powder Activated Carbon (PAC)

(Minus 200 Mesh – 1000 IV)

Product Description:

<p>A Powder activated carbon manufactured from coconut shell charcoal.</p> <p>The material is manufactured under stringently controlled conditions by steam activation, to produce a porous adsorbent with a highly developed internal surface area.</p> <p>High activity with high hardness carbon with low ash content level</p>	<ul style="list-style-type: none">● Low ash adsorbent of exceptional purity● Stringently controlled particle size distribution● Excellent product hardness● Minimum chloride levels for corrosion control● Maximum ignition temperature● Supplied to BS EN ISO 9002:1994
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Specification:

Parameter	Unit	Value	Method
Type		Coconut	
CTC	% min	50%	ASTM D3467
Moisture as packed	% max	5	ASTM D2867
Mesh size US sieve:-			ASTM D2862
+ 200 (70 microns)	% max	10% max	
Passing 200 mesh		90% pass thro	

Typical Properties:

Parameter	Unit	Value	Method
Hardness	%	90	ASTM D3802
Bulk density	g cm ⁻³	0.45	ASTM D2854
Density (backwashed and drained)	g cm ⁻³	0.50	See note 1
pH aqueous extract		9 – 11	ASTM D3838
Ash	%	6.0	ASTM D2866
Iodine number	mg g ⁻¹	1000	ASTM D4607
Surface area	M2/gm	1 050	BET N ₂
MB value	Mg/gm	180 Min	IS 877
PACKING		25 Kg BB	

Note 1: The weight per unit volume on a dry basis of a bed of activated carbon that has been backwashed and drained.