

## Filtracarb AY5 6 x 12 US

A granular activated carbon manufactured from specially selected grades of coconut shells at our production facility in Sri Lanka.

The material is manufactured under stringently controlled conditions by steam activation, to produce a porous adsorbent with a highly developed internal surface area.

Acid washing followed by neutralisation is then undertaken to remove soluble mineral constituents from the matrix of the activated carbon, producing an adsorbent of exceptional purity.

- Washed adsorbent of exceptional purity
- Stringently controlled particle size distribution
- Excellent product hardness
- Neutral surface pH
- Minimum chloride levels for corrosion control
- Maximum ignition temperature
- Ideal for recovery of sensitive solvents
- Supplied to BS EN ISO 9002:1994

### STANDARD SPECIFICATION

Parameter	Unit	Value	Method
Type		coconut shell	
CTC	% min	55	ASTM D3467
Moisture as packed	% max	5	ASTM D2867
Mesh size US sieve:-			ASTM D2862
+ 6 (3.35mm)	% max	5	
6 x 12 (3.35 - 1.70mm)		balance	
- 12 (1.70mm)		5	
- 14 (1.40mm)	% max	1	

### TYPICAL PROPERTIES

Parameter	Unit	Value	Method
Hardness	%	98	ASTM D3802
Bulk density	g cm <sup>-3</sup>	0.51	ASTM D2854
pH aqueous extract		6.5	ASTM D3838
Ash	%	0.5	ASTM D2866
Iodine number	mg g <sup>-1</sup>	1 050	ASTM D4607
Chloride (Cl <sup>-</sup> )	ppm	50	
Ignition temperature	°C	450	ASTM D3466