

Filtracarb CC60/1240

A granular activated carbon manufactured from specially selected grades of bituminous coal.

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

General purpose water treatment carbon VOC removal and colour removal.

- High efficiency regeneration
- Product readily water wets
- Large surface area
- Supplied to BS EN ISO 9002:1994
- Drinking Water Inspectorate Approved

STANDARD SPECIFICATION

Parameter	Unit	Value	Method
Type		Coal	
Iodine number	mg g ⁻¹	1000-1050	ASTM D4607
Moisture as packed	% max	2	ASTM D2867
Hardness	%	95-99	ASTM D3802
Mesh size US sieve:-			ASTM D2862
+ 12 (1.70 mm)	% max	5	
12 x 40 (1.70-0.425 mm)		balance	
- 40 (0.425 mm)	% max	3	
Effective size	mm min	0.55	Grading Curve
	mm max	0.75	

TYPICAL PROPERTIES

Parameter	Unit	Value	Method
Bulk density	g cm ⁻³	0.45	ASTM D2854
Density (backwashed and drained)	g cm ⁻³	0.40	See note 1
pH aqueous extract		8	ASTM D3838
Ash	%	<12	ASTM D2866
Carbon Tetrachloride Adsorption	%	60-70	ASTM D3467
Methylene blue Adsorption	mg g ⁻¹	260-270	
Phenol	%	5.7-6.0	DIN 19603
Surface area	m ² g ⁻¹	1050-1150	BET N ₂
Pore volume	cm ³ g ⁻¹	1.11	
Dechlorination half length value	cm	2.20	DIN 19603