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DATA SHEET – FILTRACARB FGT+

A powdered activated carbon manufactured from specially selected grades of coal at our production facility in the UK. The fine particle size and porosity optimises adsorption kinetics for incineration applications. The material is manufactured under stringently controlled conditions by steam activation, to produce a porous adsorbent with a highly developed internal surface area.

- Designed for Flue Gas Treatment
- Highly developed pore structure
- Excellent heavy metal adsorption
- Optimum dioxin removal efficiency
- Supplied to BS EN ISO 9002; 1994

STANDARD SPECIFICATION

Parameter	Unit	Value	Method
Type		Coal	
Methylene blue value	G/100g min	15	CEFIC
Moisture as packed	% max	5	ASTM D2867
Mesh size US sieve			Wet sieve
> 40 (0.425 mm)	% max	0	
> 70 (0.212 mm)	% max	Trace	
< 200 (0.075 mm)	% min	85	

TYPICAL PROPERTIES

Parameter	Unit	Value	Method
Surface area	m ² g ⁻¹	850	BET N ₂
Iodine number	Mg g ⁻¹ min	800	ASTM D4607
Bulk density	g cm ⁻³	0.45	DIN 53194
Dust explosion class		St1	VDI-2263
Smoulder temperature		>450c	VDI-2263