

Vaporcarb EX64

Grade EX64 is a cylindrical extruded pellet, manufactured from bituminous coal by steam activation.

The material is a porous adsorbent with a highly developed internal surface area, which has been specially designed for use in vapour phase adsorption systems.

- Versatile vapour phase adsorbent
- Low pressure drop characteristics
- Excellent product hardness
- Highly developed pore structure
- Specially de-dusted product

STANDARD SPECIFICATION

Parameter	Unit	Value	Method
Type		Coal	
CTC	% w/w min	60	ASTM D3467
Moisture as packed	% max	2	ASTM D2867
Pellet diameter	mm	4 ± 20%	Calliper

TYPICAL PROPERTIES

Parameter	Unit	Value	Method
Hardness	%	95	ASTM D3802
Bulk density	g cm ⁻³	0.47	ASTM D2854
Ignition temperature	°C	400	ASTM D3466
Ash	%	8	ASTM D2866
Iodine number	mg g ⁻¹	1000	ASTM D4607
Surface area	m ² g ⁻¹	950	BET N ₂
Real density	g cm ⁻³	2.1-2.2	He Displacement
Voids in dense packed bed	%	38-42	
Specific heat at 100°C	Kj kg.K ⁻¹	0.85-1.05	Calorimetry