

# ACTIVATED CARBON DATA SHEET

**GRADE : VS 45 Acid Washed**

**USS MESH SIZE : 8 x 30 AW**

**BRAND: VISORB**

STANDARD SPECIFICATION		VALUE	METHOD
PARAMETER	UNIT		
Type		COCONUT SHELL	<b>ACID WASHED</b>
CTC	% min	45	ASTM D3467
Moisture as packed	% max	5	ASTM D2867
Mesh size US sieve :-			ASTM D2862
+8 (2.36mm)	% max	5	
8 x 30 (2.36 - 0.60mm)		Balance	
-30 (0.60mm)	% max	5	

TYPICAL PROPERTIES		VALUE	METHOD
PARAMETER	UNIT		
Hardness	% min	98	ASTM D3802
Bulk Density	g cm <sup>-3</sup>	0.48 - 0.54	ASTM D2854
Density (Backwashed)	g cm <sup>-3</sup>		
pH aqueous extract		6 - 8	ASTM D3838
Ash	% max	3	ASTM D2866
Iodine number	mg g <sup>-1</sup>	950	ASTM B604
Surface area	m <sup>2</sup> g <sup>-1</sup>	1050	BET N <sub>2</sub>
Pore volume	cm <sup>3</sup> g <sup>-1</sup>		
Pore size distrib.			
Micropores (<2 nm)	cm <sup>3</sup> g <sup>-1</sup>		
Mesopores (2 - 50 nm)	cm <sup>3</sup> g <sup>-1</sup>		
Macropores (>50 nm)	cm <sup>3</sup> g <sup>-1</sup>		
Dechlor'n 1/2 length	cm		DIN 19603