

# ACTIVATED CARBON DATA SHEET

**GRADE : VS 50 AW**

**USS MESH SIZE : 8 x 30**

**BRAND: VE-SORB**

STANDARD SPECIFICATION		VALUE	METHOD
PARAMETER	UNIT		
Type		COCONUT SHELL	<b>ACID WASHED</b>
CTC	% min	50	ASTM D2854
Moisture as packed	% max	4	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>	0.47 - 0.54	ASTM D2854
Density (Backwashed)	g cm <sup>-3</sup>		
pH aqueous extract		6.5 - 7.5	ASTM D3838
Ash	% max	2	ASTM D2866
Iodine number	mg g <sup>-1</sup>	1000	ASTM D4607
Ignition Temperature	m2 g <sup>-1</sup>	>350°C	
Pore volume	cm3 g <sup>-1</sup>		
Pore size distrib.			
Micropores (<2 nm)	cm3 g <sup>-1</sup>		
Mesopores (2 - 50 nm)	cm3 g <sup>-1</sup>		
Macropores (>50 nm)	cm3 g <sup>-1</sup>		
Dechlor'n 1/2 length	cm		DIN 19603