ACTIVATED CARBON DATA SHEET
GRADE : VS 45 Acid Washed
USS MESH SIZE : 8 x 30 AW
BRAND: VE-SORB

STANDARD SPECIFICATION PARAMETER	UNIT	VALUE	METHOD
Type		COCONUT SHELL	**ACID WASHED**
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 PARAMETER	UNIT	VALUE	METHOD
Hardness	% min	98	ASTM D3802
Bulk Density	g cm^{-3}	0.48 - 0.54	ASTM D2854
Density (Backwashed)	g cm^{-3}		
pH aqueous extract		6 - 8	ASTM D3838
Ash	% max	3	ASTM D2866
Iodine number	mg g^{-1}	950	ASTM B604
Surface area	m2 g^{-1}	1050	BET N2
Pore volume	cm3 g^{-1}		
Pore size distrib.			
Micropores (<2 nm)	cm3 g^{-1}		
Mesopores (2 - 50 nm)	cm3 g^{-1}		
Macropores (>50 nm)	cm3 g^{-1}		
Dechlor'n 1/2 length	cm		DIN 19603