

ACTIVATED CARBON DATA SHEET

GRADE : VS 55

USS MESH SIZE : 8 x 30

STANDARD SPECIFICATION			
PARAMETER	UNIT	VALUE	METHOD
Particular Shape		Granular	
Type		COCONUT SHELL	
CTC	% min	55	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	0.44-0.49	ASTM D2854
Density (Backwashed)	g cm ⁻³		
pH aqueous extract		9-11	ASTM D3838
Ash	% max	5	ASTM D2866
Iodine number	mg g ⁻¹	1050	ASTM B604
Surface area	m ² g ⁻¹	1100	BET N2
Pore volume	cm ³ g ⁻¹		
Pore size distrib.			
Micropores (<2 nm)	cm ³ g ⁻¹		
Mesopores (2 - 50 nm)	cm ³ g ⁻¹		
Macropores (>50 nm)	cm ³ g ⁻¹		
Dechlor'n 1/2 length	cm		DIN 19603