

POWDER ACTIVATED CARBON

GRADE : VS 55

USS MESH SIZE : -200

STANDARD SPECIFICATION		VALUE	METHOD
PARAMETER	UNIT		
Type		COCONUT SHELL	
CTC	% min	55	ASTM D3467
Moisture as packed	% max	15	ASTM D2867
Mesh size US sieve :- -200		80%	ASTM D2862

TYPICAL PROPERTIES		VALUE	METHOD
PARAMETER	UNIT		
Hardness	% min		ASTM D3802
Bulk Density	g cm ⁻³		ASTM D2854
Density (Backwashed)	g cm ⁻³		
pH aqueous extract		9-11	ASTM D3838
Ash	% max	8	ASTM D2866
Iodine number	mg g ⁻¹	1050	ASTM D4607
Surface area	m ² g ⁻¹	1050	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