

GRANULAR ACTIVATED CARBON

GRADE : VS 55

USS MESH SIZE : 4 x 8

STANDARD SPECIFICATION		VALUE	METHOD
PARAMETER	UNIT		
Type		COCONUT SHELL ACID WASHED	
CTC Adsorption	% min	55	ASTM D3467
Moisture as packed	% max	5	ASTM D2867
Mesh size US sieve :-			ASTM D2862
+4 (4.75mm)	% max	5	
4 x 8 (4.75-2.36mm)		Balance	
-8 (2.36mm)	% max	5	

TYPICAL PROPERTIES		VALUE	METHOD
PARAMETER	UNIT		
Hardness	% min	98	ASTM D3802
Bulk Density	g/ml	0.46-0.52	ASTM D2854
Density (Backwashed)	g cm ⁻³		
pH value		09-Nov	ASTM D3838
Ash	% max	5	ASTM D2866
Iodine number	mg/g	1050	ASTM D4607
Surface area	m ² /g	1150	BET N2
Pore Volume	cc/g		
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