

AN OVERVIEW FOR ACTIVATED CARBON – GRANULAR TYPE

We are supply various of Virgin Activated Carbon , granular type with normal water washed & acid washed :-

- * Coconut Shell Base
- * Coal Base
- * Palm Shell Base

We are able to produce to the following mesh sizes :-

- * Granular type : 8 x 16, 8 X 30, 12 x 40, 4 x 8
- * Powder Type : -200, -325

Other grades & mesh sizes may be available on request.



SOLVE FLOW SDN BHD (Co No. 213943-K)

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We care your needs

GRANULAR TYPE

Product Code	CS-950	CS-950 AW	CS-1050	CS-1050 AW
Base Material	COCONUT SHELL BASE			
Particular Shape	GRANULAR			
Bulk Density (gm/ml)	0.48-0.54	0.48-0.54	0.42-0.52	0.42-0.52
CTC Activity (%)	45% Min	45% Min	55% Min	55% Min
Iodine Number (mg/gm)	950	950	1050	1050
Surface Area (m2 g-1)	1050	1050	1150	1150
Methylene Blue (ml/g)	120	120	160	160
Moisture Content (%)	< 5	< 5	< 5	< 5
Total Ash Content (%)	< 5	< 3	< 5	< 3
Ball-Pan Hardness (%)	98	98	98	98
pH	9 - 11	6 - 8	9 - 11	6 - 8
Packing	25 kg (50 liters) per Bag			

Product Code	CBC-950	CBC-950 AW	CBC-1050	CBC-1050 AW
Base Material	COAL BASE			
Particular Shape	GRANULAR			
Bulk Density (gm/ml)	0.45 - 0.52	0.45 - 0.52	0.45 - 0.52	0.45 - 0.52
CTC Activity (%)	45 -50	45 -50	50 - 55	50 - 55
Iodine Number (mg/gm)	950	950	1050	1050
Surface Area (m2 g-1)	1000	1000	1100	1100
Methylene Blue (ml/g)	145 - 150	145 - 150	155 - 160	155 - 160
Moisture Content (%)	< 5	< 5	< 5	< 5
Total Ash Content (%)	< 10	< 5	< 10	< 5
Ball-Pan Hardness (%)	95% min	95% min	95% min	95% min
pH	9 - 11	6 - 8	9 - 11	6 - 8
Packing	25 kg (50 liters) per Bag			

AN OVERVIEW FOR ACTIVATED CARBON – POWDER TYPE

We are supply 3 types of Powder Activated Carbon

- * Coconut Shell Base
- * Coal Base
- * Wood Base

We are able to produce to the following mesh sizes :-

- * Powder Type : -200, -325

Other grades may be available on request.



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POWDER TYPE

Product Code	CBP-200	CSP-950	CSP-1050	CSP-900	R4W10	CPW-S5
Base Material	COAL BASE	COCONUT SHELL BASE			WOOD BASE	
Mesh Size	-200	- 200	- 200	-325	-325	
Bulk Density (gm/ml)	0.4 – 0.5	0.4 - 0.5	0.4 - 0.5	0.4 - 0.5	0.40	0.40
Iodine Number (mg/gm)	650	950	1050	900	700	1000
Surface Area (m2 g-1)	>700	1050	1150	1000		
Methylene Blue (ml/g)	>70	100	120	> 140	100	160
Moisture Content (%)	10	8 - 12	8 - 12	8 - 12	< 5	< 5
Total Ash Content (%)	15	< 10	< 10	< 10	< 8	< 9
Size Pass through	90% min	80% min	80% min	80% min	80% min	80% min
pH	8 - 11	10 - 12	10 - 12	10 - 12	6 - 8	9 - 12
Packing	25 kg (50 liters) per Bag				20 kg (40 liters) per bag	



Coconut Kernel



Palm Kernel



Coal Base



Wood Base