

NeoEcogen



Graphite

Our Product

01

We produce worlds purest natural fully crystalline vein graphite

02

R&D Proven high tech applicability such as, Graphene, Rechargeable batteries etc.

03

Carbon content strating from 90%up to 99+%(w/w%).

04

Product capability - Carbon grades, 90-92, 92-95, 95-97, 97-99, 99+.

05

Capable of producing below 72um to 25mm particles

06

Product capability - Particle sizes, +10mm, -8mesh, -30mesh & -200mesh

07

Customizable packing 25kg paper bags to 1MT Jumbo bags



Product Size

Carbon Grade

Product code



~200mesh(Powder)

90 ~ 92%

A90~92

92 ~ 95%

A92~95

95 ~ 97%

A95~97

97 ~ 99%

A97~99

99+%

A99+



~8mesh(Chips)

90 ~ 92%

B90~92

92 ~ 95%

B92~95

95 ~ 97%

B95~97

97 ~ 99%

B97~99

99+%

B99+



+10mm(Lump)

95 ~ 97%

C95~97

97 ~ 99%

C97~99

99+%

C99+



Results of Chemical Analysis

Submitted Date : 24.07.2023
 Test dates : From 26.07.2023 to 07.08.2023

Results of Chemical Analysis :-

Constituents	Contents % (w/w)				Test Method
	B90-92 Chip - 2 mm	B92-95 Chip - 2 mm	A92-95 Powder - 72 Micron	A90-92 Powder - 72 Micron	
Volatiles	0.29	0.21	0.20	0.25	Gravimetry
Carbon	92.00	94.03	92.02	91.88	
Ash	7.71	5.76	7.78	7.87	
Ash Analysis					
Silicon as SiO ₂	5.11	3.54	4.82	4.76	Gravimetry
Total Iron as Fe ₂ O ₃	1.21	1.20	1.55	1.60	Acid Digestion and ICP-OES spectrophotometry
Aluminum as Al ₂ O ₃	0.61	0.40	0.59	0.62	
Potassium as K ₂ O	0.18	0.07	0.14	0.16	
Sodium as Na ₂ O	0.11	0.07	0.12	0.14	
Calcium as CaO	0.35	0.35	0.39	0.42	
Magnesium as MgO	0.10	0.09	0.12	0.11	
Manganese as MnO	0.01	0.01	0.01	0.01	
Phosphorus P ₂ O ₅	0.01	0.01	0.01	0.02	
Titanium as TiO ₂	0.02	0.02	0.02	0.03	

Note: The analysis was performed on the powdered sample dried at 105⁰-110⁰C.

Submitted Date : 15.06.2023
 Test dates : From 15.06.2023 to 20.06.2023

Results of Chemical Analysis :-

Constituent determined	Content % (w/w)	Test Method
Volatiles	0.22	Gravimetry
Carbon	93.40	
Ash	6.38	
Ash analysis		
Silicon as SiO ₂	45.65	Gravimetry
Total Iron as Fe ₂ O ₃	25.20	Acid Digestion and Atomic Absorption spectrometry
Aluminum as Al ₂ O ₃	8.04	
Potassium as K ₂ O	2.08	
Sodium as Na ₂ O	2.84	
Calcium as CaO	6.67	
Magnesium as MgO	8.20	
Manganese as MnO	0.16	
Phosphorus P ₂ O ₅	0.36	Acid Digestion and UV/VIS
Titanium as TiO ₂	0.78	Spectrophotometry

Note: The analysis was performed on the powdered sample dried at 105⁰-110⁰C.