

General Product Description

	Min	Max	Target
%Carbon (LOI)	99.99	100	<input type="checkbox"/>
%Ash	0	0.01	<input type="checkbox"/>
%Sulfur		0.1	<input type="checkbox"/>
%-100 Mesh (150 Micron)	99	100	<input type="checkbox"/>
%-200 Total (75 Micron)	96	100	<input type="checkbox"/>
%-325 Mesh (44 Micron)	78	95	<input type="checkbox"/>
Iron (ppm)		15	<input type="checkbox"/>
Copper (ppm)		10	<input type="checkbox"/>

Type: Purified Synthetic Graphiite

Typical Analysis

(U.S. Standard Test Sieves)

%Carbon (LOI)	99.99
%Ash	0.58
%Moisture	0.17
%Sulfur	0.0031
%+60 Mesh (250 Micron)	0
%+100 Mesh (150 Micron)	0.02
%-100 Mesh (150 Micron)	99.98
%+200 Mesh (75 Micron)	1.51
%-200 Mesh (75 Micron)	98.47
%+325 Mesh (44 Micron)	20.59
%-325 Mesh (44 Micron)	78
MT%10 (Microns)	6.81
MT%50 (Microns)	25.16
MT%90 (Microns)	68.36
MTMV (Microns)	33.3
Surface Area m2/g	4.18
True Density g/cc	2.23
Iron (ppm)	1.86
Copper (ppm)	0.12

Test Methods

%Carbon	E4-1
%Moisture	E4-7
%Sulfur	E4-9
Fe, Cu Concentration	E4-25
Microtrac	E3-5B
Sieve Analysis	E2-2
Surface Area	E3-9
True Density	E5-3

The PDS lists percentages which are only guaranteed following specific agreement between Asbury Carbons and the customer. They are listed here only to indicate approximate physical and chemical analysis. Purchasers should thoroughly test and independently verify satisfactory results before application. The user assumes the risk and liability for loss, damage, or injury arising from the application of the goods furnished.

UNCONTROLLED DOCUMENT: Prior to placing an order based on this PDS, contact the Asbury Sales Department to confirm that the information contained herein is current.

Revision Level: 3

Revision Date:

12/5/2022

Asbury Graphite Mills, Inc.

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http:// www.asbury.com

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