

GrafTech™ Primary Synthetic Graphite Powder GP44-B

GrafTech International is a global leader in graphite and carbon products. We enable customer leadership better and faster than our competition, through the creation, innovation and manufacture of carbon and graphite material science based solutions.

Primary Synthetic Graphite Powder GP44-B

High, consistent purity, good lubrication properties

Typical Applications

- Conductive polymers
- Friction materials
- Carbon brushes
- Batteries
- Lubricants
- Fuel cells

Typical Product Properties:		
<i>Purity</i>		
Ash	%	0.08
Moisture	%	0.02
Sulfur	%	0.01
Al	ppm	22
Ba	ppm	<1
Ca	ppm	9
Cr	ppm	4
Cu	ppm	<1
Fe	ppm	61
Mg	ppm	2
Mn	ppm	<1
Mo	ppm	<1
Si	ppm	59
Ti	ppm	5
V	ppm	7
<i>Density</i>		
A.D. (Scott)	g/cm ³	0.230
Real (Helium)	g/cm ³	2.25
<i>Surface Area</i>		
BET	m ² /g	8.9
<i>Particle Distribution</i>		
90%	µm	<45.0
50%	µm	<19.0

Guaranteed Values:		
Ash	% max	.02
Moisture	% max	0.50
<i>Sizing</i>		
100.0%	µm	<75

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