

Secondary Synthetic Graphite Powder GS150-E

Technical Data Sheet 5061

Product Overview

GRAF+ GS150-E graphite powder offers high, consistent purity and good lubrication properties.

Applications

- Conductive polymers
- Friction materials
- Ceramics
- Lubricants

Typical Properties at Room Temperature*

Characteristic	Unit	Value
Purity		
Ash	%	0.20
Moisture	%	0.02
Sulfur	%	0.02
Al	ppm	18
Ba	ppm	2
Ca	ppm	81
Cr	ppm	< 1
Cu	ppm	5
Fe	ppm	360
Mg	ppm	2
Mn	ppm	2
Mo	ppm	< 1
Si	ppm	95
Ti	ppm	22
V	ppm	3
Density		
A.D. (Scott)	g/cm ³	0.35
Real (Helium)	g/cm ³	2.24

(Typical Properties continued on next page)

Typical Properties* (continued)

Particle Distribution		
90%	µm	100.0
50%	µm	< 55
Guaranteed Values		
Ash	% max	0.50
Moisture	% max	0.50
Sizing		
(+2%) 83.0%	µm	< 75

Notes:

* Properties listed are typical and cannot be used as accept/reject specifications

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Redefining limits

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