

Technical Data Sheet Graphite Powder

Product Overview

Krystal Lubetech's Graphite powder is an expanded natural graphite powder with consistent purity and good lubrication properties. Typical applications include using the graphite powder as an electrically conductive additive or as a thermal transfer enhancement in plastics and foams or as a lubricant. The Graphite powder has a unique combination of very thin and small diameter plate-like particles.

Typical Properties*

Characteristic	Unit	Value
Ash	%	2.25
Moisture	%	0.2
Sulfur	ppm	500
Al	ppm	1000
Ba	ppm	4
Ca	ppm	2600
Cr	ppm	4
Cu	ppm	9
Fe	ppm	2100
Mg	ppm	1600
Mn	ppm	16
Mo	ppm	12
Si	%	0.5
Ti	ppm	70
V	ppm	5
Typical Density		
A.D. (Scott)	g/cm ³	0.05
Surface Area	m ² /g	20
Typical Particle Distribution		
d90%	µm	65.2
d50%	µm	20
Typical Particle Thickness	µm	2.5
Packaging		
Paper Bag	kg	8

Notes:

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