

ULTRA FINE GRAPHITE POWDER

FINE CARBON

TYPICAL PROPERTIES



**SHOWA
DENKO**

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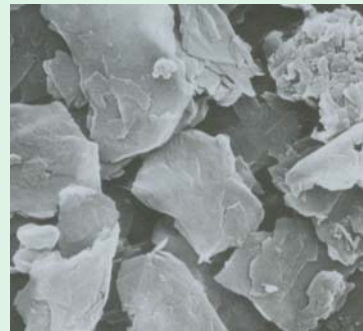
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UFG

UFG ultra fine graphite powder is a high-purity synthetic graphite that can improve the thermal and electrical conductivity of a wide variety of materials including paints, coatings, plastics, rubber and adhesives

PROPERTY	UNITS	UFG-5	UFG-10	UFG-30
Bulk Density	g/cm ³	0.1 – 0.2	0.2 – 0.3	0.2 – 0.3
Real Density	g/cm ³	2.2	2.2	2.2
Fixed Carbon	%	>98.0	>99.3	>99.4
Ash	%	≤1.0	≤0.6	≤0.6
Sulfur	%	0.03	0.03	0.03
Volatile	%	≤1.0	≤0.4	≤0.4
Particle Size (d50)	μm	3.0 ±1.5	4.5 ±2.0	10.5 ±1.5



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UFG ultra fine graphite powder is a product of Show Denko KK, Tokyo, Japan