



## NATURAL GRAPHITE POWDER FOR LITHIUM ION BATTERY

Graphite is widely used as an anode in lithium batteries due to its stable layer structure.

Redoxkala-Natural graphite powder has high electrical conductivity, excellent uniformity, superior chemical stability and suitable theoretical capacity 362.5 mAh/g.



REDOXKALA  
Tehran, Iran

[www.Redoxkala.com](http://www.Redoxkala.com)

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## SPECIFICATIONS

### NATURAL GRAPHITE POWDER FOR LITHIUM ION BATTERY

Item	Value
Grain (D10, $\mu\text{m}$ )	10.202
Grain (D50, $\mu\text{m}$ )	17.523
Grain (D90, $\mu\text{m}$ )	29.484
Moisture	0.041%
TAP density	1.079 g/cm <sup>3</sup>
Carbon	99.971%
Special surface area	4.109 m <sup>2</sup> /g
First capacity	362.5 mAh/g
First efficiency	94.5%
Ash	<0.02%
CAS Number	7782-42-5

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