



## Kaiheng Graphite Carbon

### Specifications of Natural Graphite Negative Electrode

#### Materials for Lithium-Ion Battery

Properties	Units	Values		
		NG- I	NG- II	NG-III
Particle Size(D10)	μm	11.0±2.0	11.0±2.0	10.0±2.0
Particle Size(D50)	μm	18.0±2.0	18.0±2.0	17.0±2.0
Particle Size(D90)	μm	30.0±3.0	30.0±3.0	26.0±3.0
Particle Size(Dmax)	μm	60	50	50
Fixed Carbon	%	99.97min	99.95min	99.90-99.95
Moisture	%	0.2max	0.2max	0.2max
PH Value	-	8±1	5.5±1	8±1
Tap Density	g/cm <sup>3</sup>	1.10min	1.05min	1.0min
Compressive Density	g/cm <sup>3</sup>	1.65min	1.55-1.65	1.45-1.55
Bulk Density	g/cm <sup>3</sup>	2.24±0.02	2.22±0.02	2.22±0.02
Specific Surface Area	cm <sup>2</sup> /g	2.0±0.5	2.0±0.5	6.0±0.5
First Coulombic Efficiency	%	94min	93min	92min
First Discharge Specific Capacity	mA • h/g	360min	365min	355min

The data are general but not limited.

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