



Kaiheng Graphite Carbon

Specifications of Synthetic Graphite Negative Electrode

Materials for Lithium-Ion Battery

Properties	Units	Values		
		SG- I	SG- II	SG-III
Particle Size(D10)	μm	8.0±2.0	11.0±2.0	11.0±2.0
Particle Size(D50)	μm	18.0±2.0	26.0±2.0	26.0±2.0
Particle Size(D90)	μm	35.0±3.0	38.0±3.0	38.0±3.0
Particle Size(Dmax)	μm	60	70	70
Fixed Carbon	%	99.95min	99.95min	99.70min
Moisture	%	0.2max	0.2max	0.2max
PH Value	-	8±1	5.5±1	5.5±1
Tap Density	g/cm ³	1.10min	0.8min	0.8min
Compressive Density	g/cm ³	1.60min	1.55min	1.40-1.55
Bulk Density	g/cm ³	2.24±0.03	2.23±0.03	2.23±0.03
Specific Surface Area	cm ² /g	2.5±0.5	5max	5max
First Coulombic Efficiency	%	94min	93min	92min
First Discharge Specific Capacity	mA • h/g	335min	345min	320min

The data are general but not limited.

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