

Sinotek Materials ZSG-20 Spherical Graphite

Category : Carbon , Graphite

Material Notes:

Also called "Potato Graphite", Spherical Graphite is ideal cathode material for lithium ion batteries. Using high quality natural flake graphite as raw material, a series of shaping, classification, and purification technologies to produce high quality Spherical Graphite. The products are well crystallized, have high-roundness and are of stable quality; its first discharge capability is up to 360mAh/g, and the recharge and discharge efficiency is up to 80 percent. Information provided by Sinotek

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sinotek-Materials-ZSG-20-Spherical-Graphite.php

Physical Properties	Metric	English	Comments
Bulk Density	≥ 1.00 g/cc	≥ 0.0361 lb/in \hat{A} ³	Tap Density
Density	2.25 g/cc	0.0813 lb/in \hat{A} ³	$\hat{A}\pm 0.01$, True Density
Particle Size	19 - 21 $\hat{A}\mu\text{m}$	19 - 21 $\hat{A}\mu\text{m}$	D50
Specific Surface Area	3.5 - 7.5 m \hat{A} ² /g	3.5 - 7.5 m \hat{A} ² /g	

Component Elements Properties	Metric	English	Comments
Carbon, C	≥ 99.95 %	≥ 99.95 %	

Processing Properties	Metric	English	Comments
Moisture Content	≤ 0.050 %	≤ 0.050 %	

Descriptive Properties	Value	Comments
Discharge Volume, mAh/g	360	

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