

Sinotek Materials ZSG-15 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-15-Spherical-Graphite.php

Physical Properties	Metric	English	Comments
Bulk Density	$\geq 1.00 \text{ g/cc}$	$\geq 0.0361 \text{ lb/in}^3$	Tap Density
Density	2.25 g/cc	0.0813 lb/in^3	± 0.01 , True Density
Particle Size	$14 - 16 \mu\text{m}$	$14 - 16 \mu\text{m}$	D50
Specific Surface Area	$3.5 - 7.5 \text{ m}^2/\text{g}$	$3.5 - 7.5 \text{ m}^2/\text{g}$	

Component Elements Properties	Metric	English	Comments
Carbon, C	$\geq 99.95 \%$	$\geq 99.95 \%$	

Processing Properties	Metric	English	Comments
Moisture Content	$\leq 0.050 \%$	$\leq 0.050 \%$	

Descriptive Properties	Value	Comments
Discharge Volume, mAh/g	360	

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