

## Sinotek Materials ZSG-17 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-17-Spherical-Graphite.php](http://www.lookpolymers.com/polymer_Sinotek-Materials-ZSG-17-Spherical-Graphite.php)

Physical Properties	Metric	English	Comments
Bulk Density	>= 1.00 g/cc	>= 0.0361 lb/in <sup>3</sup>	Tap Density
Density	2.25 g/cc	0.0813 lb/in <sup>3</sup>	± 0.01, True Density
Particle Size	16 - 18 μm	16 - 18 μm	D50
Specific Surface Area	3.5 - 7.5 m <sup>2</sup> /g	3.5 - 7.5 m <sup>2</sup> /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	

## Contact Songhan Plastic Technology Co.,Ltd.

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