



Technical Data Sheet

ACS Material Diamond Nanoparticle 50nm

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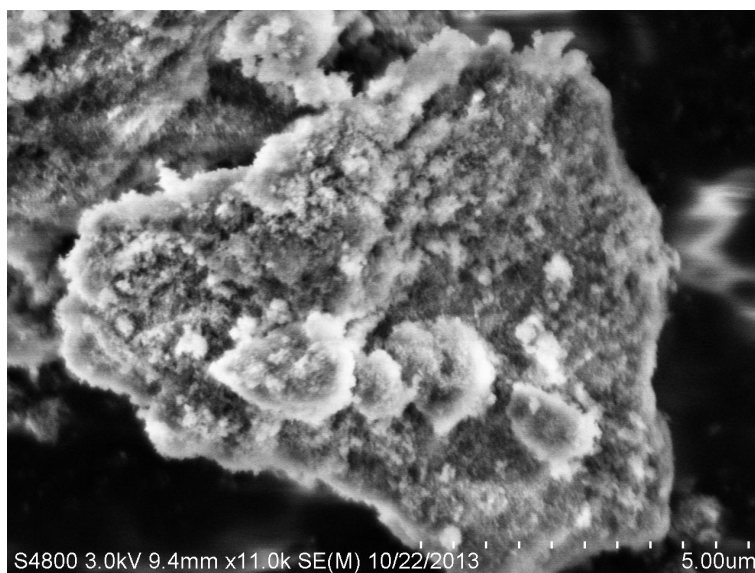
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1. Preparation Method

Detonation Method

2. Characterizations

BET surface area (m²/g):	300-420
Total impurity ions (ppm):	<10
Size distribution:	100 nm



Typical SEM Image of ACS Material Diamond Nanoparticles

3. Application Fields

- 1) Lubricant and coolant additives
- 2) Polymer composites
- 3) Sintered body
- 4) Magnetic recording system
- 5) Polishing materials

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