



Technical Data Sheet

ACS Material Indium Nanoparticles

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Contact Information:

Manufacturer: ACS Material, LLC.

Address: 959 E Walnut St. Suite 100

Pasadena, CA 91106, USA

Phone: (866)-227-0656

Fax: (781)-518-0284

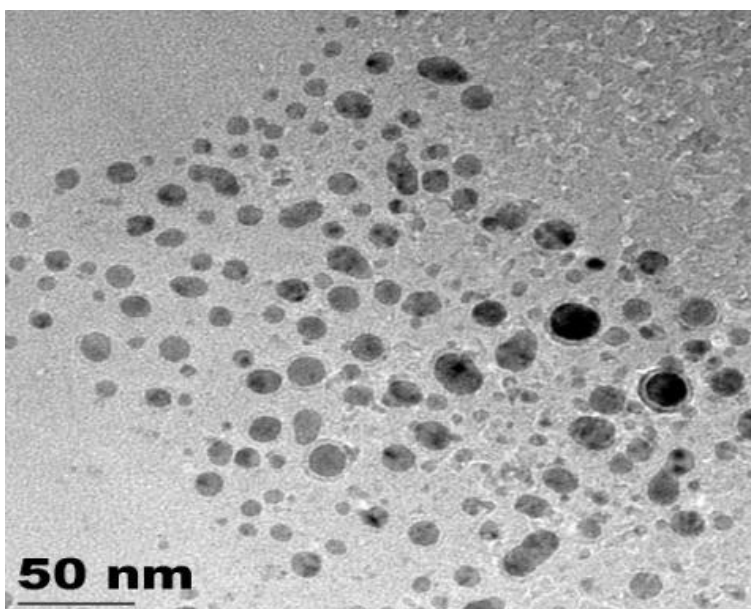
E-Mail: contact@acsmaterial.com

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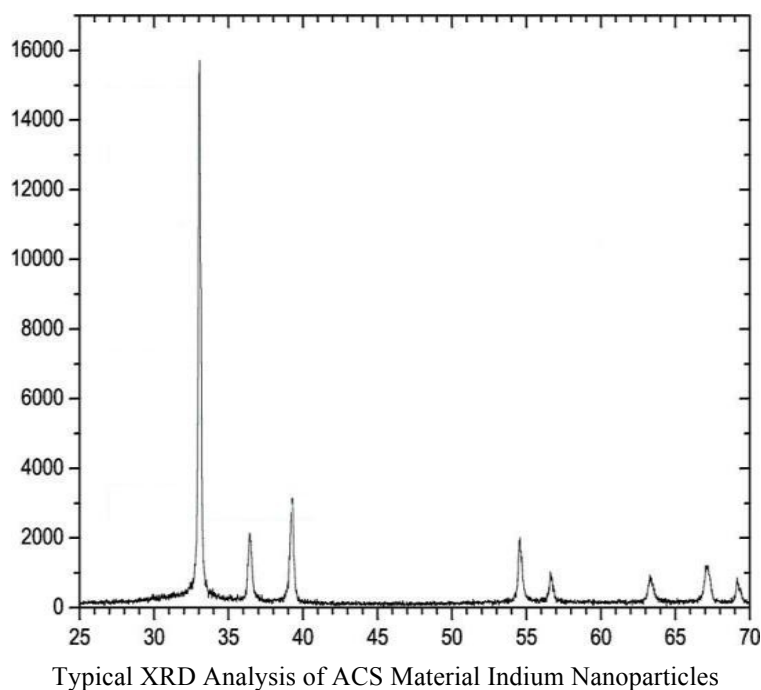
1. Physical and Chemical Properties

Color:	Gray
Crystal structure:	Tetragonal Crystal
BET surface area (m²/g):	15.6
Particle Size (nm):	20-40
Purity (%):	≥ 99.99

2. Structure Features



Typical TEM Image of ACS Material Indium Nanoparticles



3. Application Fields

- 1) Make the sintering temperature of the electronic paste lower
- 2) Make the melting point of the solder alloy lower
- 3) Improve the wear resistance of the alloy
- 4) Improve the wear resistance of the lubricating oil

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