

CADMIUM SULFIDE LEAD Sulfide CORE Shell

99.9%

(Purity)



Stock no:

NS6130-12-000574

CHEMICAL IDENTIFIERS

Chemical name	:	CdS/PbS
Core	:	Cadmium Sulfide
Shell	:	Lead Sulfide

Core-shell nanoparticles are a type of nanoparticle that have a core made of one material, and a shell made of another material that surrounds the core. Core-shell nanoparticles unique properties that differ from their bulk counterparts, making them useful for various applications, including medicine, energy, electronics, magnetic resonance imaging (MRI), semiconductors, pigments, coatings, and photovoltaics, used in various applications, such as in biomedical imaging, luminescent sensors, and light-emitting diodes (LEDs).

Technical Specification

Core Diameter	Shell Diameter	Purity	APS
80-100nm	20-30nm	99.9%	-



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ISO 9001:2015
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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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