

NS6130-12-001425

Quick Facts

Product	:	Copper Gallium Oxide Nanoplatelets
Stock No	:	NS6130-12-001425
CAS	:	7440-58-6
Molecular Formula	:	CuGaO ₂
Form	:	Powder
Color	:	Brown/Black

Technical Specification

Molecular Weight	Density	Melting Point	APS
165.27 g/mol	6.28g/cm ³	N/A	<100nm

Copper Gallium Oxide Nanoplatelets is an important transparent conducting oxide for both fundamental science and industrial applications. Copper Gallium Oxide Nanoplatelets has been photocatalys for solar cell. The p-type inorganic semiconductor CuGaO₂ as a hole-transporting layer (HTL) in perovskite solar cells (PSCs) provides higher carrier mobility, better-energy level matching, and superior stability, as well as low-temperature processing technique.

Applications:

- Used in solar cell
- Used in coating
- Used in industrial applications

COPPER

Gallium Oxide Nanoplatelets

Purity
99.9%

CuGaO₂

APS <100nm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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