

Tellurium

Oxide Powder



NS6130-12-000833

APS
<80µm



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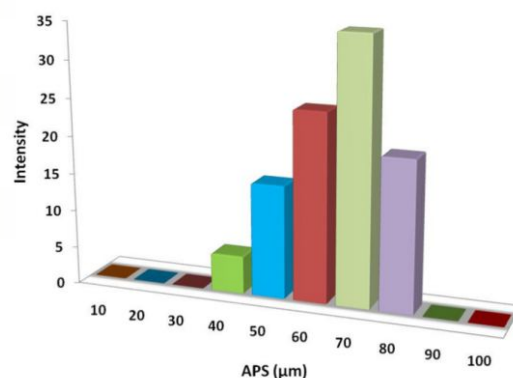
Tellurium Oxide Powder

Tellurium dioxide is sometimes used to color ceramics. It has increasingly been used in optical refraction applications such as fiber optics and complimentary products. Because of its unique characteristics tellurium dioxide is an integral part of acousto-optic products as well as having good diffraction efficiency and it works very well at most power levels. It is even capable of being used for high speed or high resolution devices that need to handle high laser powers.

Tellurium oxide is often used as an additive to steel and it is often alloyed to aluminium, copper, lead or tin. Tellurium powder is added to lead to improve its durability, strength and resistance to corrosion.

Quick Facts

Product	:	Tellurium Oxide Powder
Stock No	:	NS6130-12-000833
CAS	:	7446-07-3
Purity	:	99.9%
Color	:	White/off-White
Form	:	Powder



Technical Specification

Formula	APS	Molecular Weight	Melting Point
TeO ₂	<80μm	159.60 g/mol	732 °C

Chemical Composition

Product	Weight Percent (nominal)
Tellurium Oxide Powder	99.9%

Applications

- Ceramics
- Lithium ion batteries
- Enamels

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