

Lead Trioxide Powder

NS6130-12-001347



APS
40-60 μ m



Follow us:



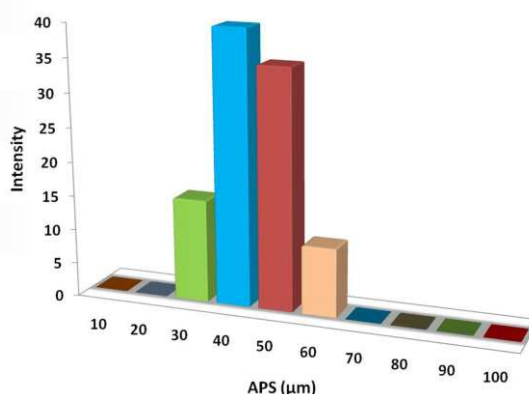
| www.nanoshel.com | sales@nanoshel.com

Lead Trioxide Powder

Lead dioxide (PbO)-containing glasses are technologically important and are potential candidates for making electron multipliers, ultra-low loss wave guides, glass to metal seals, IR transmitting devices and optical gratings. Optical properties like refractive index and extent of transmission in the UV visible region can be modified by incorporating suitable additives, subjecting the samples to optical irradiation at different wavelengths and treatment under hydrogen environment, etc. The consumption of lead, and hence the processing of PbO, correlates with the number of automobiles because it remains the key component of automotive lead acid batteries

Quick Facts

| | | |
|----------|---|----------------------|
| Product | : | Lead Trioxide Powder |
| Stock No | : | NS6130-12-001347 |
| CAS | : | 1314-41-6 |
| Purity | : | 99% |
| Form | : | Powder |



Technical Specification

| Formula | APS | Molecular Weight | Melting Point |
|--------------------------------|---------|------------------|---------------|
| Pb ₂ O ₃ | 40-60μm | 685.6 g/mol | 500 °C |

Chemical Composition

| Product | Weight Percent (nominal) | |
|----------------------|--------------------------------|-------------|
| | Pb ₂ O ₃ | Other Metal |
| Lead Trioxide Powder | 99% | 0.1% |

Applications

- Optical properties
- Additives
- Semiconductors

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 1782 454 144, +44 74 105 48802

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911

ISO 9001:2015
CERTIFIED COMPANY



20ZICE4589C



19ZAZGO1274G



20ZICE4588M