

Lead Oxide Powder







NS6130-12-000920

APS
40-60 μ m



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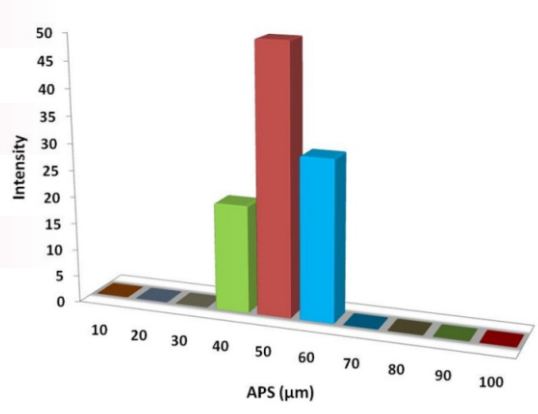
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Lead Oxide Powder

Lead oxide (PbO), is an indispensable industrial material due to its unique electronic, mechanical and optical properties. It has distinct applications in nano devices and fictionalized materials. Lead oxide (PbO) nanoparticles are utilized in stockpiling gadgets, ceramics and harmful ray protectant in oxide glasses. It is also utilized as magnetic nanoparticles for magnetic data storage and magnetic resonance imaging (MRI). PbO is used extensively in making glass. Depending on the glass, the benefit of using PbO in glass can be one or more of increasing the refractive index of the glass, decreasing the viscosity of the glass, increasing the electrical resistivity of the glass, and increasing the ability of the glass to absorb X-rays.

Quick Facts

Product	:	Lead Oxide Powder
Stock No	:	NS6130-12-000920
CAS	:	1317-36-8
Purity	:	99%
Color	:	Red/Yellow
Form	:	Powder



Technical Specification

Formula	APS	Molecular Weight	Melting Point
PbO	40-60µm	223.3 g/mol	888 °C

Chemical Composition

Product	Weight Percent (nominal)	
	PbO	Other Metal
Lead Oxide Powder	99%	0.1%

Applications

- Ceramics
- Glasses
- Stockpiling gadgets

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