

Ytterbium

Oxide Micro Powder



NS6130-12-000903

APS
40-60 μ m



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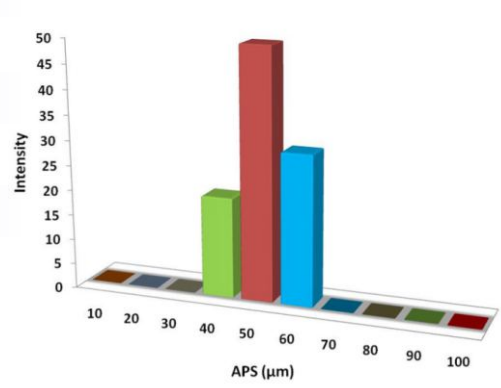
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Ytterbium Oxide Micro Powder

Ytterbium Oxide is a white powder which is used as a colorant for glasses and enamels and as a dopant for garnet crystals in lasers. Moreover, Ytterbium Oxide is widely used in optical fibers. Ytterbium Oxide, also called Ytterbia, is being applied to numerous fiber amplifier and fiber optic technologies. Ytterbium Oxide is widely applied as a doping agent for garnet crystals in lasers a important colorant in glasses and porcelain enamel glazes.

Quick Facts

Product	:	Ytterbium Oxide Micro Powder
Stock No	:	NS6130-12-000903
CAS	:	1314-37-0
Purity	:	99.99%
Color	:	White
Form	:	Powder



Technical Specification

Formula	APS	Molecular Weight	Melting Point
Yb_2O_3	40-60µm	349.08g/mol	2410 °C

Chemical Composition

Product	Weight Percent (nominal)
Ytterbium Oxide Micro Powder	Yb_2O_3 99.99%

Applications

- Colorant for glasses and enamels
- Dopant for garnet crystals in lasers
- Optical fibers

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