

Bismuth Oxide, varistor grade, micronized

30.07.07

Nomenclature	Bismuth Oxide Bismuthous Oxide Bismuth Yellow Bismuth Sesquioxide
Formula	Bi ₂ O ₃
CAS Number	1304-76-3
Specifications	Bismuth (Bi) 89.5 - 89.9 % Loss on drying max. 0.2 % Sodium (Na) max. 50 ppm Iron (Fe) max. 20 ppm Aluminium (Al) max. 10 ppm Calcium (Ca) max. 10 ppm Cadmium (Cd) max. 5 ppm Copper (Cu) max. 5 ppm Lead (Pb) max. 5 ppm Magnesium (Mg) max. 5 ppm Nickel (Ni) max. 5 ppm Silver (Ag) max. 5 ppm Chloride (Cl) max. 10 ppm Sulphate (SO ₄) max. 10 ppm Other impurities max. 100 ppm

Typical Properties Insoluble in water. Soluble in mineral acids.

Density: 8.9 g/cm³

Molecular Weight: 465.96

Average Particle Size: < 2 microns

Container Fiber drums

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