

# Bismuth Oxide

VARISTOR

**Synonyms:** Bismuth Trioxide, Di Bismuth Trioxide, Bismuthous Oxide, Bismuth Sesquioxide

**CAS No:** 1304-76-3

## Chemical Data:

Parameter	Specification	Typical Value
Bismuth Oxide	99.99%	Complies
Total Metallic impurities	0.01%	Complies
Bismuth	89.3 - 90.1%	89.7%
Cl,SO4	Max 10 PPM	< 10PPM
Ag,Ca,Fe,Na,Pb	Max 10 PPM	5 PPM
Al,Cu,Cd,Mg,Ni	Max 5 PPM	2 PPM
Loss on Drying	Max 0.2%	0.1%

## Morphological Data:

Particle Size d 50	3.7 u m
D sem	3 u m
Appearance	Yellow Powder
Tapped Density	2.5 gm/cm <sup>2</sup>
Mol.Wt	465.96



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SYN**

 303 Radha Residency, Plot No: 25 A,  
Sector 8B, CBD Belapur,  
Navi Mumbai – 400614.

 9821332920 / 9821332078

 chander@radiancechemicals.com  
viji@radiancechemicals.com