



TECHNICAL DATA SHEET

Version: B - 2017/01/12

BISMUTH OXIDE MICRONIZED 212

Determination	Unit	Specification
Assay Bi ₂ O ₃ (on dry products)	%	≥ 99.5
As	ppm	≤ 2
Alkalis and alkaline earths	%	≤ 0.5
Cu	ppm	≤ 50
Pb	ppm	≤ 20
Ag	ppm	≤ 25
Cl	ppm	≤ 200
SO ₄	ppm	≤ 200
Loss on ignition	%	≤ 1
Loss on drying	%	≤ 0.1
Solubility	Test	Conformed
NO ₃	ppm	≤ 500

REACH Registration N°
01-2119560578-27-0017

Formula	Bi ₂ O ₃
Molecular weight	465.96
Purity %	99.9
Appearance	Heavy Yellow Powder
CAS	1304-76-3
EINECS	215-134-7

Application	Coatings
	Varistors
	Electronic

Packaging	25kg fiber drums or 25 kg paper bags
	Big-bags

Particle size	standard	Max
D50 μm	4 - 8	10