ATLANTIC EQUIPMENT ENGINEERS
HIGH PURITY METALS & COMPOUNDS

BI 601
Bismuth Trioxide Powder

BI 601	
Formula	Bi_2O_3
Purity	99.9
Particle size	-10 microns

Chemistry		
Elements	**Specification**	**Typical Results**
Bi2O3	99.8 min	99.9
Bismuth metal content	0.03 max	0.005
LOI	0.25 max	0.14
Surface Area	-	0.22 m2/g
Density	-	9.3 g/ml

-10 Microns		
D10	**D50**	**D90**
3.0	6.0	10



Bismuth Trioxide powder can be used in the manufacture of dielectric products for single and multilayer ceramic capacitors, piezoelectrics, embedded capacitors, filters, thick film devices, composite polymer films and various other applications.