



TECHNICAL DATA SHEET

BARIUM FLUORIDE (Barium Compounds, NOS) High Purity

CAS # 7787-32-8 FORMULA: BaF₂

FORMULA WEIGHT 175.36 UN # UN1564

Free HF (pH)	4 – 10
Sulfate (as BaSO ₄)	0.75 % Max
Sulfide (as S)	0.005% Max
Chloride (as Cl)	0.010% Max
Phosphate (as P)	0.005% Max
Iron (as Fe)	100 ppm
Heavy Metals (as Pb)	0.01% Max
Loss on drying	1.0% Max
Loss on ignition	1.0% Max
Barium (as BaF ₂)	97% Min
Fluoride (as BaF ₂)	90% Min

Other grades available upon request as well as material prepared to customer and government specifications. Custom milling, blending, screening and packaging are available at a reasonable cost. All raw materials undergo testing for conformance as well as in-process sampling and final shipping samples. Barium & Chemicals, Inc. has a full-course, in-house laboratory whose staff has expertise in wet chemical analysis as well as AA, IC, ICP, W.S. Tyler Ro-Tap, Fisher Sub-Sieve Sizer, Laser Particle Analysis, pH, titration and moisture analysis.

Special requests may require extra lead time for raw material manufacture and processing. Allow sufficient time when ordering.

USES: Ceramic industry as a flux, carbon brushes for electrical equipment, glass making, and manufacture of other fluorides, crystals for spectroscopy, electronics and dry-film lubricants.

PACKAGE TYPE: Fiber or Plastic drums with polyliner and Kraft bags with poly liner (pallet quantities only)

Packaged for transport by ground, air or ocean transport. Call for packaging options.