Fluorides

Materion Advanced Materials offers high quality fluorides manufactured to your precise specifications. Our integrated technologies allow us to deliver exact compositions, in the exact form you require, exactly where and when you need it!

**BENEFITS**
- We offer the broadest possible range of fluoride coating materials.
- Complete reproducibility assures consistent performance.
- Purity levels up to 99.999%.
- Variety of forms including granules, pellets & powders.
- Pre-melted Fluoride starter sources: YF₃, YbF₃, MgF₂ and more.
- Supporting various optical wavelength ranges from UV to Far IR.

**GLOBAL MANUFACTURING PROCESSES**
- Custom fluoride compositions to your exact specifications provide high yield and less down time.
- Fluoride Synthesis.
- Controlled Atmosphere Handling.
- Chemical Analysis.
- Custom Particle Sizing.
- Specialized Packaging.

**FLUORIDE MATERIALS FOR OPTICAL COATING DEPOSITION**
- Aluminum Fluoride, AlF₃
- Barium Fluoride, BaF₂
- Cadmium Fluoride, CdF₂
- Calcium Fluoride, CaF₂
- Cerium Fluoride, CeF₃
- Dysprosium Fluoride, DyF₃
- Erbium Fluoride, EuF₃
- Europium Fluoride, ErF₃
- Gadolinium Fluoride, GdF₃
- Hafnium Fluoride, HfF₄
- Lanthanum Fluoride, LaF₃
- Lead Fluoride, PbF₂
- Lithium Fluoride, LiF
- Magnesium Fluoride, MgF₂
- Neodymium Fluoride, NdF₃
- Potassium Fluoride, KF
- Praseodymium Fluoride, PrF₃
- Samarium Fluoride, SmF₂
- Sodium Aluminum Fluoride (Cryolite), Na₃AlF₆
- Sodium Fluoride, NaF
- Terbium Fluoride, TbF₃
- Thorium Fluoride, ThF₄
- Ytterbium Fluoride, YbF₃
- Yttrium Fluoride, YF₃

Materion ... Making Advanced Materials that Improve the World.