

Fluoride Materials

For Optical Coating Deposition

High quality fluorides manufactured to your precise specifications. Materion's integrated technologies allow us to deliver exact compositions, in the exact form you require.



Global Manufacturing Process

Custom fluoride compositions manufactured to your specifications provide high yield and less down time.

- Fluoride Synthesis
- Controlled Atmosphere Handling
- Chemical Analysis
- Custom Particle Sizing
- Specialized Packaging

Benefits

We offer the broadest range of fluoride coating materials.

- Complete reproducibility ensures consistent performance
- Various high purity levels
- Variety of forms including granules, pellets and powders
- Supporting various optical wavelength ranges from UV to far IR

Fluoride Materials for Optical Coating Deposition*

- | | |
|--|--|
| <ul style="list-style-type: none"> • Barium Fluoride, BaF₂ • Calcium Fluoride, CaF₂ • Cerium Fluoride, CeF₂ • Dysprosium Fluoride, DyF₃ • Erbium Fluoride, ErF₃ • Europium Fluoride, EuF₃ • Gadolinium Fluoride, GdF₃ • Hafnium Fluoride, HfF₄ • Lanthanum Fluoride, LaF₃ • Lead Fluoride, PbF₂ • Lithium Fluoride, LiF | <ul style="list-style-type: none"> • Magnesium Fluoride, MgF₂ • Neodymium Fluoride, NdF₃ • Potassium Fluoride, KF • Praseodymium Fluoride, PrF₃ • Sodium Aluminum Fluoride (Cryolite), Na₃AlF₆ • Sodium Fluoride, NaF • Thorium Fluoride, ThF₄ • Ytterbium Fluoride, YbF₃ • Yttrium Fluoride, YF₃ |
|--|--|

*Additional fluoride compositions are available upon request.

