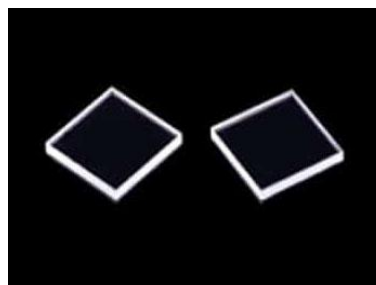


CaF₂(Eu) Scintillators

CaF₂(Eu) scintillator as a efficient scintillation crystal, has been widely used in the application of low energy nuclear physics experiment, nuclear reactor detecting, radiation monitor and radioactivity medical science diagnoses.



Features:

- Relatively high light output
- Inert
- High shock resistance

Ability:

- Growth method: Bridgman
- Maximum dimension: ∅ 60 mm x 120 mm
- Available items: single crystals

Basic Properties:

Basic Properties	
Density(g/cm ³)	3.18
Melting Point (°C)	1360
Cleavage Plane	<111>
Hardness(Mohs)	4
Refractive Index	1.47
Emission Peak (nm)	435
Decay Time (ns)	940

Note: The crystal boules, blanks and polished elements are available.

Application Notes:

- P-Detector
- Radioactivity medical science diagnoses