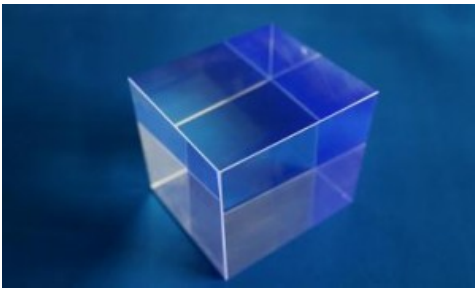


CaF₂(Eu) Scintillator

General properties of CaF₂(Eu) scintillator

Melting point(k)	1633
Density (g/cm ³)	3.18
Cleavage plane	<111>
Wavelength of emission Max(nm)	435
Primary decay time (ns)	940
Light output (Photons/MeV)	19,000
Hardness(Mho)	4.00
hygroscopic	no
Refractive index	1.47



Basic information of CaF₂(eu) scintillator:

Growth method: Bridgman

Maximum dimension: ∅60 mm x 120 mm length

Available items: single crystal

Features:

Relatively high light output/High shock resistance/Inert.

Application:

P-detectors/Radioactivity medical science diagnosis.

문의처

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