



Ce:GAGG Ceramics

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Density (g/cm ³)	6.62
Form	Ceramic(Polycrystal)
Crystal System	Cubic
Hardness (Mohs)	~8.0
Refractive index	~1.9
Peak Emission (nm)	550
Decay time (ns)	60
Light yield (Photons/MeV)	~78000
Afterglow(%)	<0.01
Resistance to Humidity	Excellent
Chemical Stability	Excellent
Hygroscopicity	None

GGAG:Ce ceramic scintillator has excellent properties including high sensitivity, good uniformity, high light yield, low afterglow, high mechanical strength and chemical stability, it can be widely used for medical X-CT, security CT, container inspection etc.

Key Features:

- Good uniformity
- High light yield
- Chemical stability
- Non hygroscopic

Applications:

- Medical X-CT
- Security CT
- Container Inspection
- NDT(nondestructive testing)