



GAGG:ce Scintillators

Description: Gadolinium Aluminium Gallium Oxide, Ce³⁺ doped crystals. GAGG has fast timing property, high Z number and is used for applications where a high stopping power and fast decay time is needed.

Scintillation crystal	: GAGG (Gd ₃ Al ₂ Ga ₂ O ₁₂) Ce
Light output	: Approx. 50.000 photons / MeV
Density	: 6.6 g/cm ³
Hygroscopic	: No
Wavelength of emission max.	: 520 nm
Refractive index	: 1.85 (520 nm)
Decay time	: Primary decay time approx.. 100 ns
Energy resolution	: Approx. 6.0% with high QE PMTs

