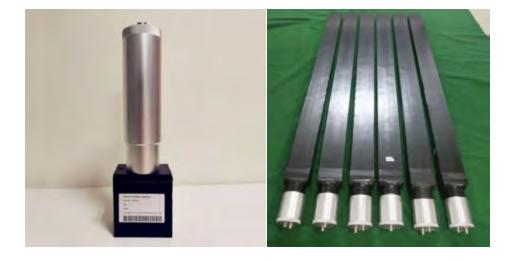


Electro Optical Components, Inc.

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Plastic Scintillator



Density (g/cm3)	1.05
Decay time (ns)	2.8
Peak Emission (nm)	423
Index of Refraction	1.58
Working temperature (°C)	-40~55
Softening temperature (°C)	75~80
Light yield (to Nal:Tl)	20~30%

Plastic scintillator is widely used to detect X-rays, gamma rays, fast neutrons and charged particles, it has advantages of high transparency, light transmission, short decay time, stable performance, high mechanical strength, resistance to vibration and impact resistance.

Key Features

- High transparency
- Short decay time
- High mechanical strength

Applications:

- Isotope gauge Fission Neutron detection
- Passageway type radioactive detection
- Area radiation monitor