LUM745
Near Infrared Dye

High purity LUM745 dye has excellent visible light transmission and absorption between 700 and 760 nm in Toluene. Has excellent solar and thermal stability. Soluble in most organic solvents.

- **733 nm** Absorption maximum in Toluene
- **132 L/(g•cm)** Strength in Toluene
- **>270 °C** Melting point
- **7.0 g/L** Solubility in Chloroform

**EXTRUSION • CELL CASTING • MOLDING • COATING**

Absorption Spectrum in Toluene
Near Infrared Dye: LUM745

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Properties

Absorption maximum: 733 nm in Toluene
Strength: 132 L/(g x cm) in Toluene
Melting point: >270 °C
Appearance: Green powder
Solubility: Chloroform (7 g/L)
Methylene Chloride (3 g/L)
Acetone (0.3 g/L)

Absorption Spectrum in Toluene

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