LUM710 Near Infrared Dye

High purity LUM710 dye has excellent visible light transmission and absorption between 630 and 730 nm in Toluene. Has excellent solar and thermal stability. Soluble in most organic solvents.

- Absorption maximum in Toluene: 710 nm
- Strength in Toluene: 200 L/(gcm)
- Melting point: >300 °C
- High Solubility in Organic Solvents

EXTRUSION • CELL CASTING • MOLDING • COATING

Absorption Spectrum in Toluene

Wavelength, nm

Absorbance
Near Infrared Dye: LUM710

High purity LUM710 dye has excellent visible light transmission and absorption between 680 and 730 nm in Toluene. Has excellent solar and thermal stability. Soluble in most organic solvents.

Properties

Absorption maximum: 709 nm in Toluene
Strength: 200 L/(g x cm) in Toluene
Melting point: >300 °C
Appearance: Dark green powder
Solubility: High solubility in organic solvents

Absorption Spectrum in Toluene

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