LUM690
Near Infrared Dye

High purity LUM690 dye has excellent visible light transmission and absorption between 690 and 720 nm in Chloroform. Has excellent solar and thermal stability. Soluble in most organic solvents.

- 701 nm Absorption maximum in Chloroform
- 260 L/(g•cm) Strength in Chloroform
- >300 °C Melting point
- 23 g/L Solubility in Methylene Chloride

EXTRUSION • CELL CASTING • MOLDING • COATING

Absorption Spectrum in Chloroform
Near Infrared Dye: LUM690

High purity LUM690 dye has excellent visible light transmission and absorption between 680 and 720 nm in Chloroform. Has excellent solar and thermal stability. Soluble in most organic solvents.

Properties

Absorption maximum: 701 nm in Chloroform
Strength: 260 L/(g x cm) in Chloroform
Melting point: >300 °C
Appearance: Blue powder
Solubility: Methylene Chloride (23 g/L)
Acetone (0.4 g/L)

Absorption Spectrum in Chloroform

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