LUM800 Near Infrared Dye

High purity LUM800 dye has excellent visible light transmission and absorption between 760 and 840 nm in Chloroform. Has excellent solar and thermal stability.

804 nm Absorption maximum in Chloroform

> 74 L/(g cm) Strength in Chloroform

> 300 °C Melting point

1.5 g/L Solubility in Chloroform

EXTRUSION • CELL CASTING • MOLDING • COATING

Absorption Spectrum in Chloroform
Near Infrared Dye: LUM800

High purity LUM800 dye has excellent visible light transmission and absorption between 760 and 840 nm in Chloroform. Has excellent solar and thermal stability.

Properties

Absorption maximum: 804 nm in Chloroform
Strength: >74 L/(g x cm) in Chloroform
Melting point: >300 °C
Appearance: Black powder
Solubility: Chloroform (1.5 g/L)
Methylene Chloride (1.0 g/L)

Absorption Spectrum in Chloroform

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