LUM530
Near Infrared Dye

High purity LUM530 dye has excellent visible light transmission and absorption between 450 and 530 nm in Chloroform. Has excellent solar and thermal stability. Soluble in most organic solvents.

539 nm
Absorption maximum in Chloroform

36 L/(g·cm)
Strength in Chloroform

280 °C
Melting point

35 g/L
Solubility in Methylene Chloride

EXTRUSION • CELL CASTING • MOLDING • COATING

Absorption Spectrum in Chloroform
Near Infrared Dye: LUM530

High purity LUM530 dye has excellent visible light transmission and absorption between 450 and 580 nm in Chloroform. Has excellent solar and thermal stability. Soluble in most organic solvents.

Properties

Absorption maximum: 539 nm in Chloroform  
Strength: 36 L/(g x cm) in Chloroform  
Melting point: 280 °C  
Appearance: Dark red powder  
Solubility: Methylene Chloride (35 g/L)  
Benzyl Alcohol (5.0 g/L)

Absorption Spectrum in Chloroform

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