



Technical Data Sheet

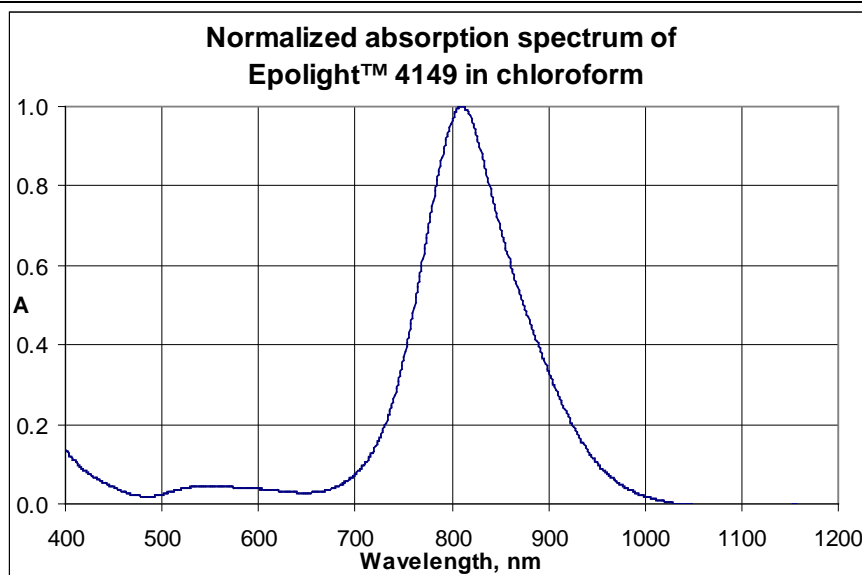
Epilight™ 4149 Near Infrared Dye

DESCRIPTION

Contains nickel and platinum
Suitable for plastic applications
Very low color in low concentrations
Recommended for diode laser
Excellent visible light transmission
Excellent light stability
Excellent thermal stability

PROPERTIES

Absorption maximum, λ max: 809 nm
Absorptivity in chloroform: $58 \text{ L g}^{-1} \text{ cm}^{-1}$
Appearance: black powder
Melting point: 275 - 280°C
Solubility in grams/100 grams of solvent:
 MEK 0.10 grams
 Xylene 0.12 grams
 Cyclohexanone 0.87 grams



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