Technical Data Sheet

Epolight™ 3130 Near Infrared Dye

DESCRIPTION

Excellent thermal stability
Excellent light stability
Low solubility in most organic solvents
Suitable for injection molding
Contains Nickel

PROPERTIES

Absorption maximum, \( \lambda \) max: 950 nm
Absorptivity in chloroform: 42 L g\(^{-1}\) cm\(^{-1}\)
Appearance: black powder
Melting point: 230 - 235°C
Solubility in grams/100 grams of solvent:
- MEK 0.35 grams
- Xylene 0.15 grams
- THF 0.80 grams
- Cyclohexanone 1.05 grams

![Normalized absorption spectrum of Epolight™ 3130 in chloroform](image)

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