



# Technical Data Sheet

## Epilight™ 1125 Near Infrared Dye

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### DESCRIPTION

Tetrakis ammonium structure

Suitable only for coatings or injection molding with high melt flow polycarbonate

Can absorb in NIR out to 1650 nm

Broad band infrared absorption

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### PROPERTIES

Peak wavelength,  $\lambda$  max: 950 nm

Absorptivity in acetone:  $18 \text{ L g}^{-1} \text{ cm}^{-1}$

Appearance: green powder

Melting point: 142 - 145°C

Solubility in grams/100 grams of solvent:

MEK >30 grams

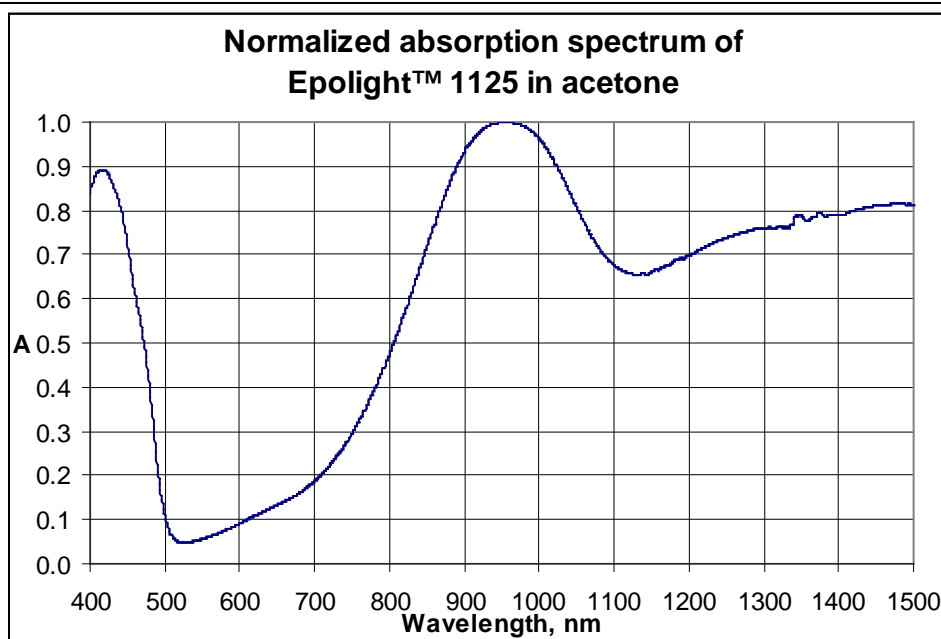
Toluene 1.14 grams

Ethyl acetate 3.22 grams

THF 5.63 grams

Cyclohexanone >6.0 grams

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