



Technical Data Sheet

Epilight™ 1125 Near Infrared Dye

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

PROPERTIES

Peak wavelength, λ max: 950 nm

Absorptivity in acetone: 18 L g⁻¹ cm⁻¹

Appearance: green powder

Melting point: 142 - 145°C

Solubility in grams/100 grams of solvent:

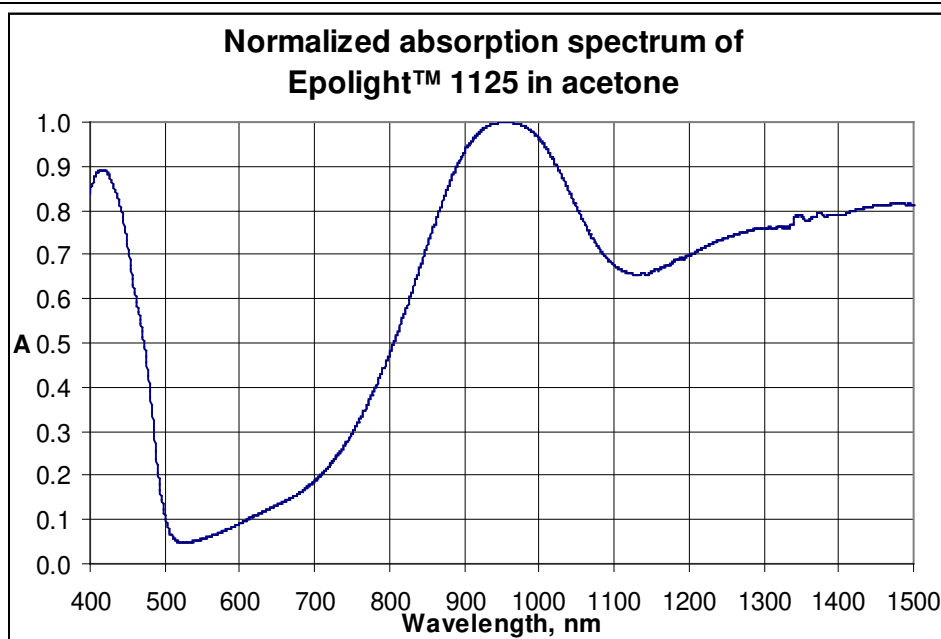
MEK >30 grams

Toluene 1.14 grams

Ethyl acetate 3.22 grams

THF 5.63 grams

Cyclohexanone >6.0 grams



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