

Technical Data Sheet

Product Code: **IR Dye 1312**

Product Description: 990nm NIR Dye

Properties

Appearance: green free flowing powder

Melting Point: 108°C – 110°C

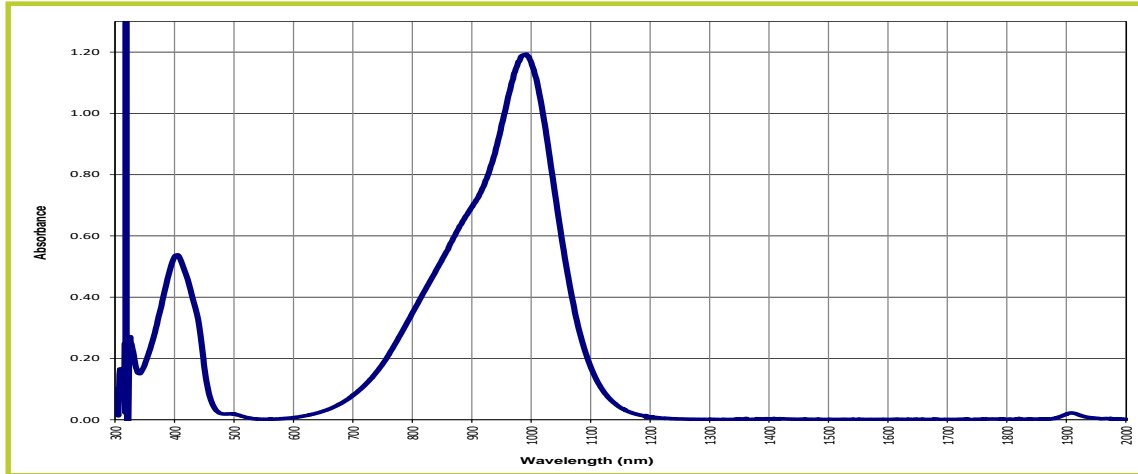
Lambda Max: 990 nm

Absorptivity: 66 (L g⁻¹ cm⁻¹)

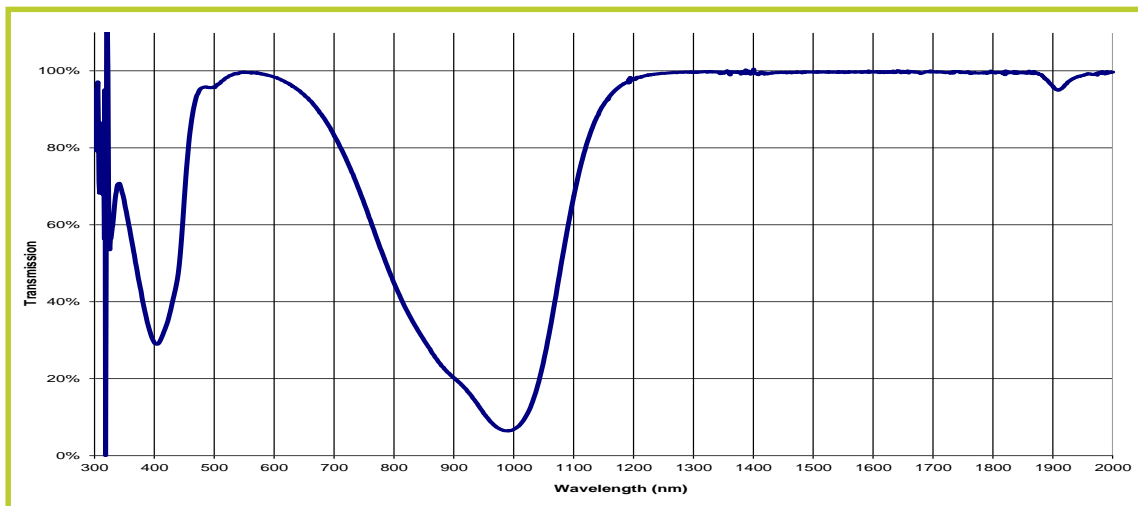
Solubility (grams/100 grams of solvent):

Acetone

Absorption Curve



Transmission Curve



Due to its' excellent balance of properties, **IR Dye 1312** finds use in a broad range of applications where the absorption of Infrared light, and the transmission of Visible light is important:

Solvent based inks

Epoxy Systems



Adam Gates & Company