

# Technical Data Sheet

Product Code: **IR Dye 1320**

Product Description: 922nm NIR Dye

## Properties

Appearance: **green free flowing powder**

Melting Point: **189°C – 193°C**

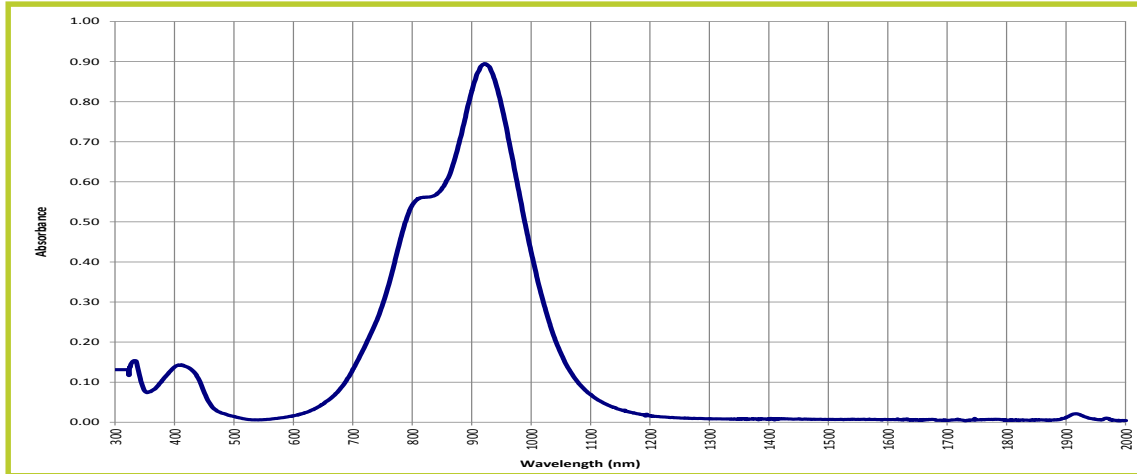
Lambda Max: **922 nm**

Absorptivity: **79 (L g<sup>-1</sup> cm<sup>-1</sup>)**

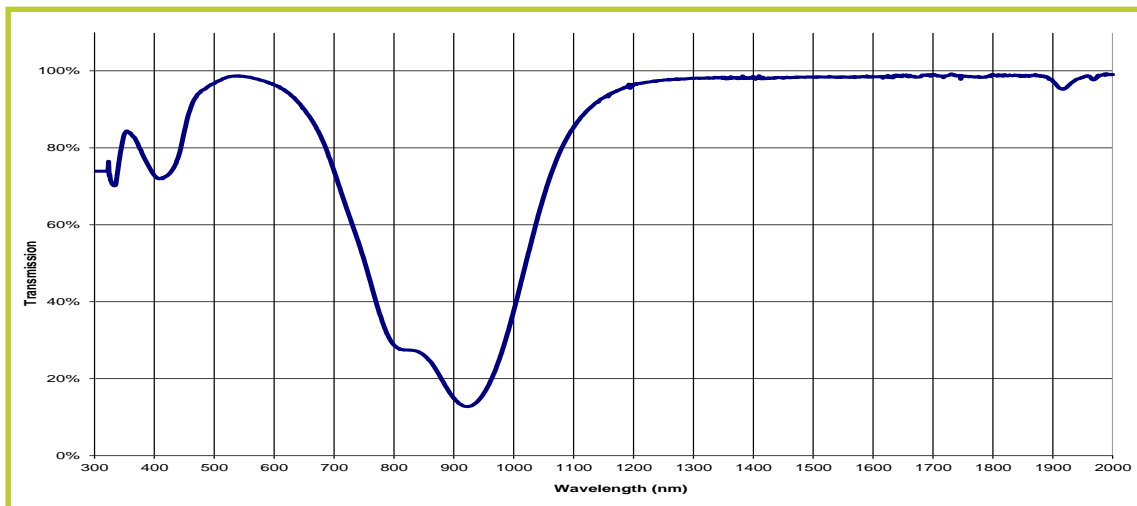
Solubility (grams/100 grams of solvent):

**Acetone, Methanol**

**Absorption Curve**



**Transmission Curve**



Due to its' excellent balance of properties, **IR Dye 1320** finds use in a broad range of applications where the absorption of Infrared light, and the transmission of Visible light is important:

**Inks and coatings-** Excellent balance



**Adam Gates & Company**