

# Technical Data Sheet

Product Code: **IR Dye 4066**

Product Description: 970nm NIR Dye

## Properties

Appearance: **green free flowing powder**

Melting Point: **128°C – 130°C**

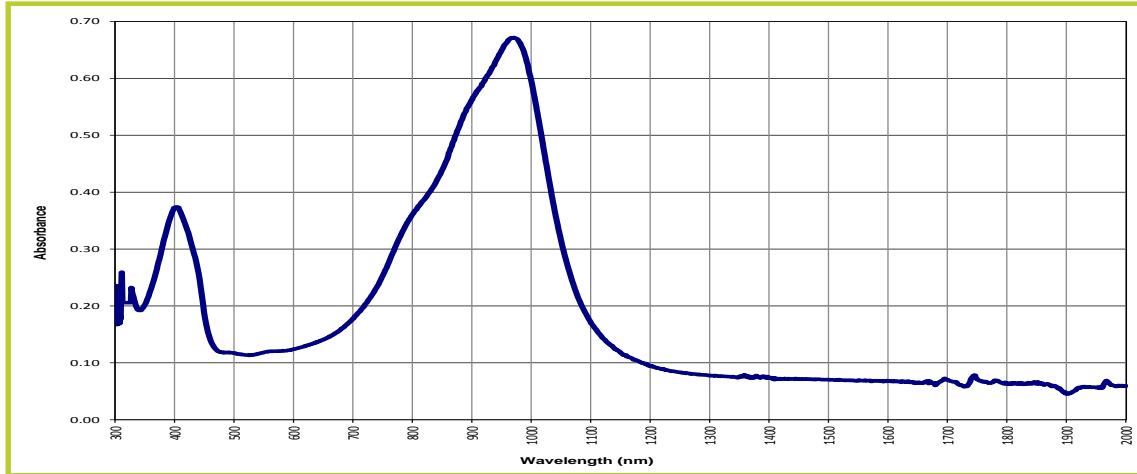
Lambda Max: **970 nm**

Absorptivity: **44 (L g<sup>-1</sup> cm<sup>-1</sup>)**

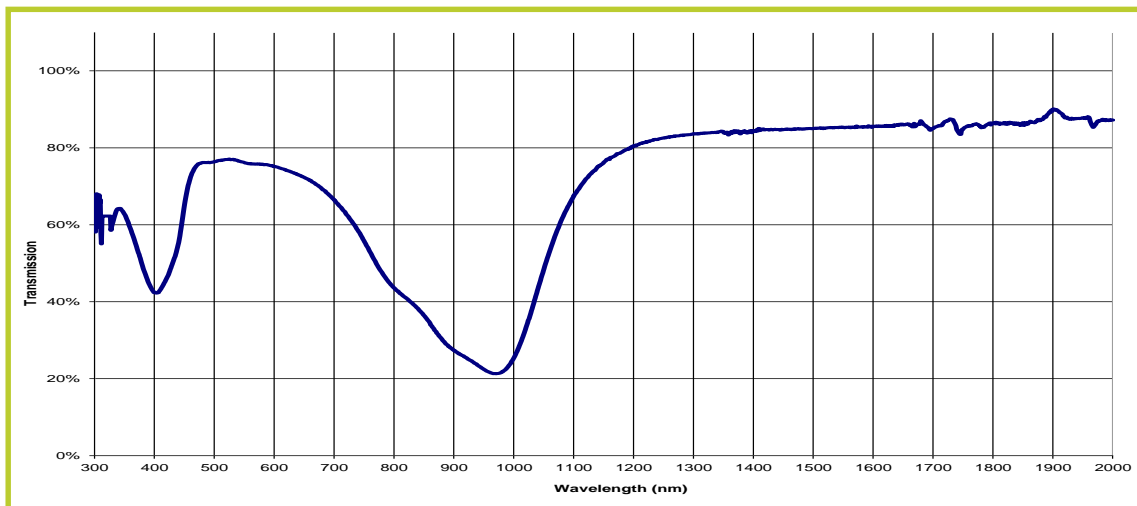
Solubility (grams/100 grams of solvent):

**Acetone, Methanol**

Absorption Curve



Transmission Curve



Due to its' excellent balance of properties, **IR Dye 4066** finds use in a broad range of applications where the absorption of Infrared light, and the transmission of Visible light is important:

Application: Used to block 700-1200nm range in inks, coatings and acrylics, while allowing good visible light transmission.



**Adam Gates & Company**