

Technical Data Sheet

Product Code: **VIS 441**

Product Description: 441nm NIR Dye

Properties

Appearance: **yellow free flowing powder**

Melting Point: **115°C +**

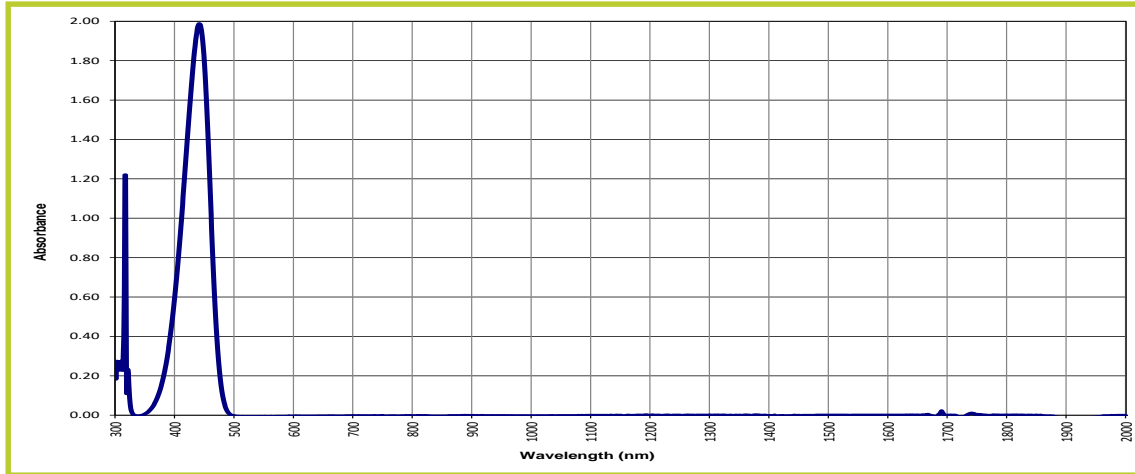
Lambda Max: **441 nm**

Absorptivity: **126 (L g⁻¹ cm⁻¹)**

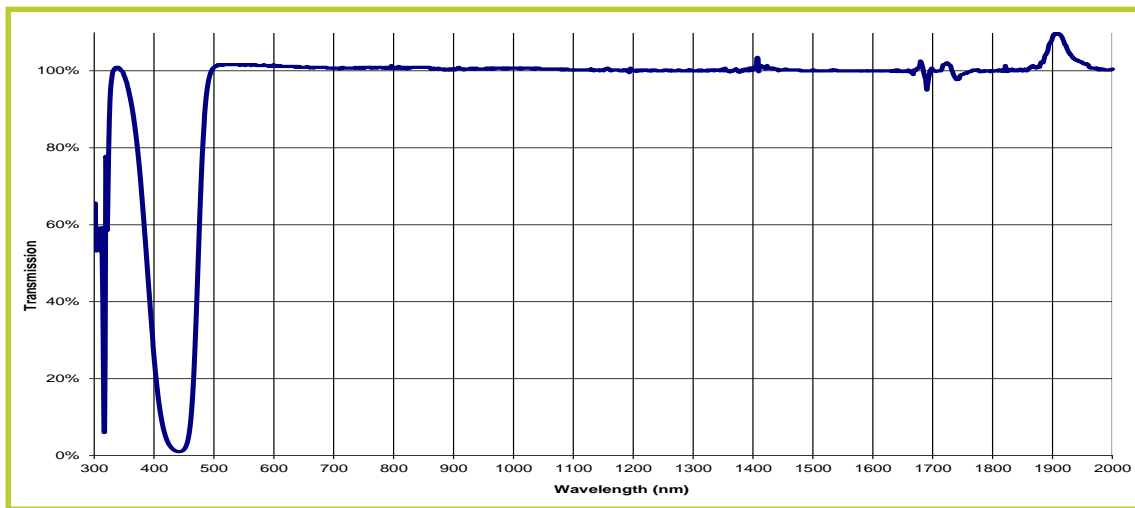
Solubility (grams/100 grams of solvent):

Acetone

Absorption Curve



Transmission Curve



Due to its' excellent balance of properties, **Dye 441** finds use in a broad range of applications where the absorption of visible light, and the transmission of infrared light is important:

Application: Used to block 300-400nm range in inks coatings.



Adam Gates & Company