

Technical Data Sheet

Product Code: **VIS 555**

Product Description: 555nm NIR Dye

Properties

Appearance: **Red free flowing powder**

Melting Point: **135°C**

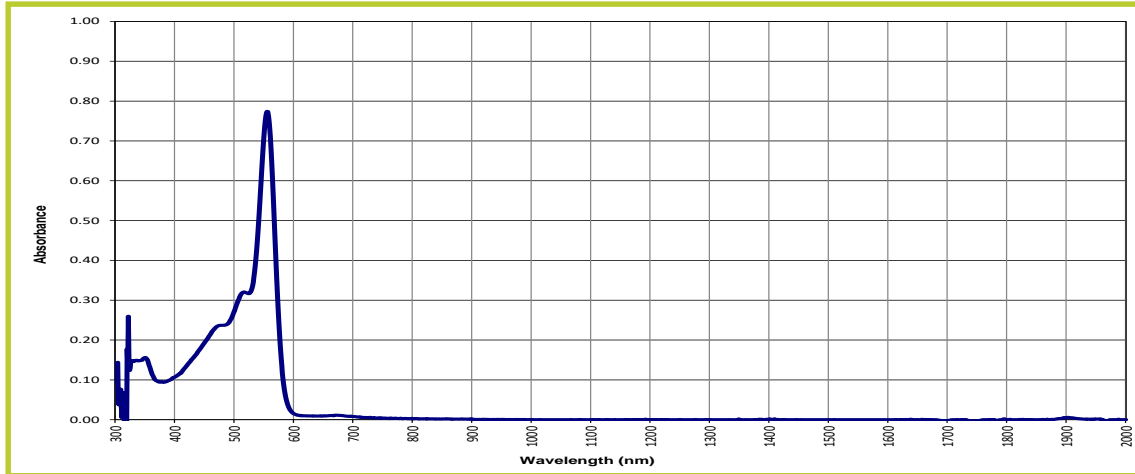
Lambda Max: **555 nm**

Absorptivity: **93 (L g⁻¹ cm⁻¹)**

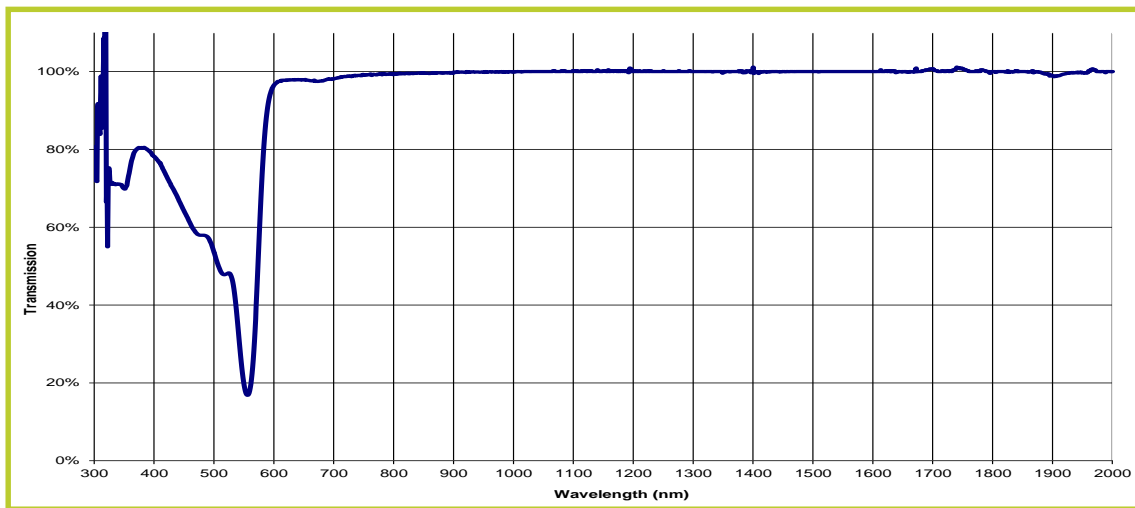
Solubility (grams/100 grams of solvent):

Acetone, Methanol

Absorption Curve



Transmission Curve



Due to its' excellent balance of properties, **VIS 555** 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 500 - 600nm range in inks coatings.



Adam Gates & Company