

Technical Data Sheet

Product Code: **VIS Dye 631**

Product Description: 631nm NIR Dye

Properties

Appearance: **blue free flowing powder**

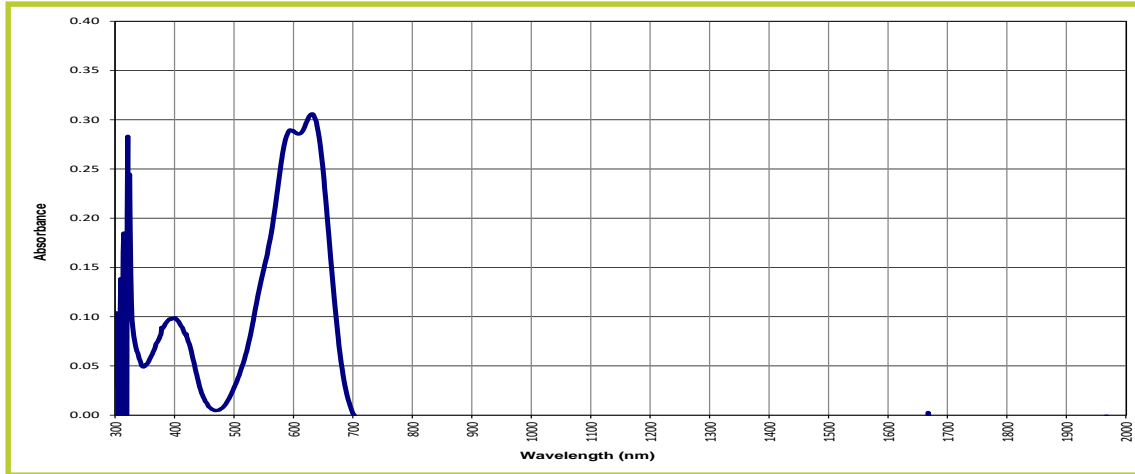
Melting Point: **220°C – 222°C**

Lambda Max: **631 nm**

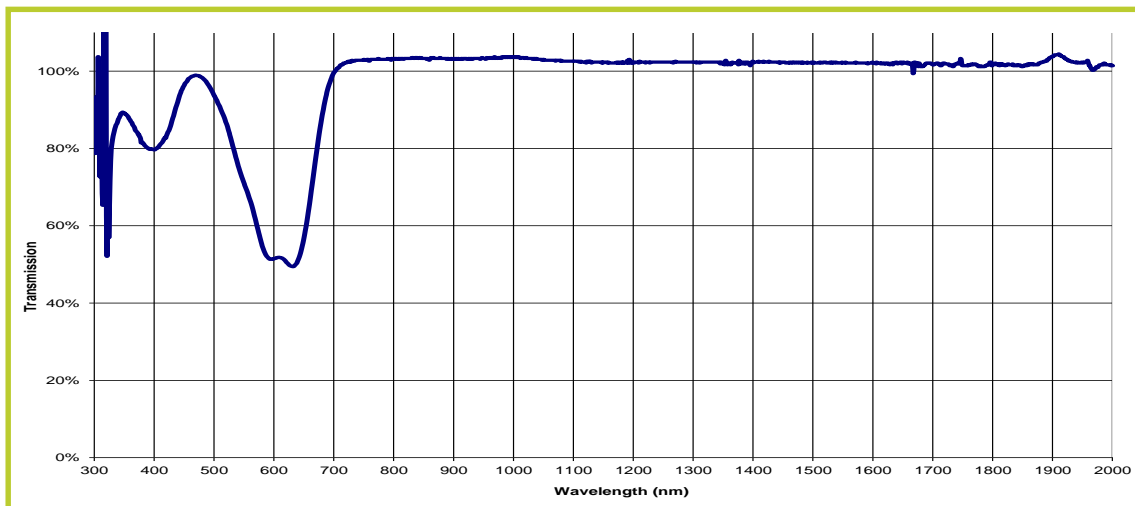
Absorptivity: **38 (L g⁻¹ cm⁻¹)**

Solubility (grams/100 grams of solvent):
acetone

Absorption Curve



Transmission Curve



Due to its' excellent balance of properties, **VIS Dye 631** finds use in a broad range of applications where the absorption of visible light, and the transmission of infrared light is important:

Thermal Stability - can be used in inks and coatings, and polycarbonate.

Application: Used to block 500 - 650nm range in inks coatings, and polycarbonate.



Adam Gates & Company