

# Technical Data Sheet

Product Code: **VIS 682**

Product Description: 682nm Dye

## Properties

Appearance: **green free flowing powder**

Melting Point: **245°C – 247°C**

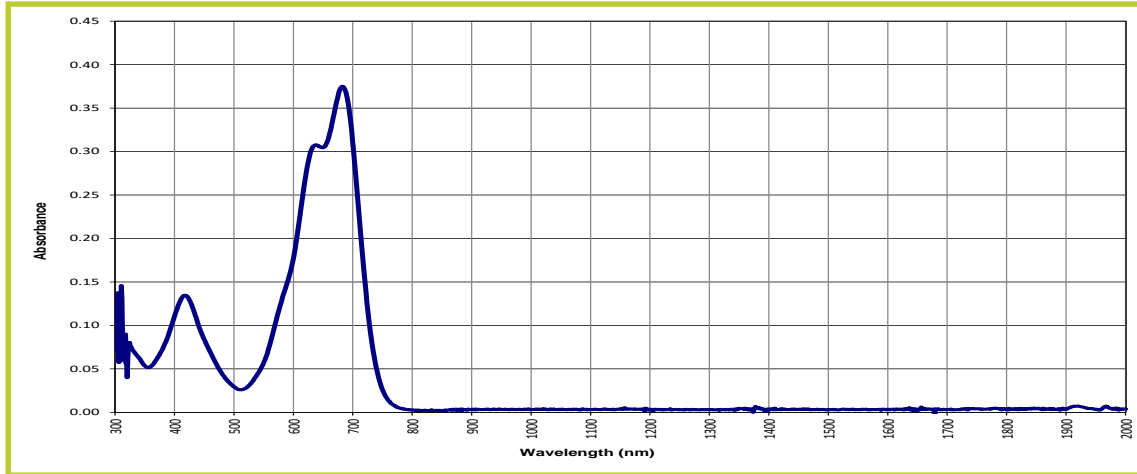
Lambda Max: **682 nm**

Absorptivity: **28.25 (L g<sup>-1</sup> cm<sup>-1</sup>)**

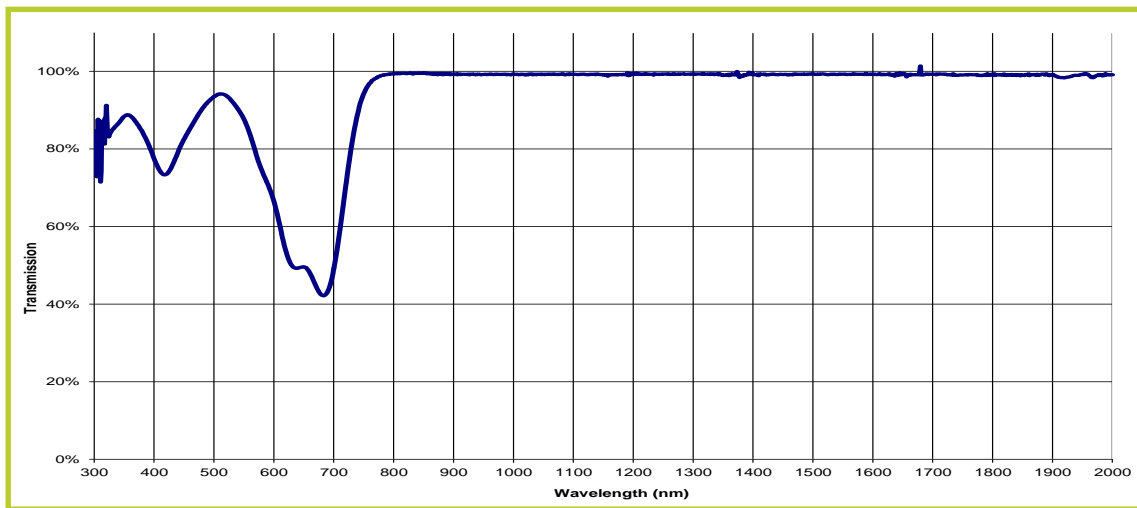
Solubility (grams/100 grams of solvent):

**Acetone, Methanol**

**Absorption Curve**



**Transmission Curve**



Due to its' excellent balance of properties, **Vis 682** 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 - 650nm range in inks, coatings, and polycarbonate.



**Adam Gates & Company**