

Technical Data Sheet

Product Code: **VIS 578**

Product Description: **578nm NIR Dye**

Properties

Appearance: **blue free flowing powder**

Melting Point: °C – °C

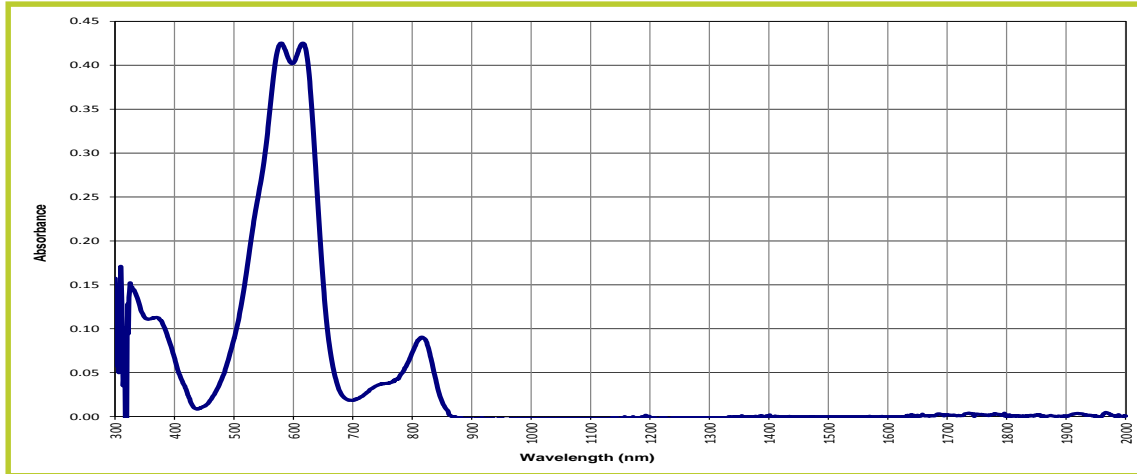
Lambda Max: **578 nm**

Absorptivity: **27 (L g⁻¹ cm⁻¹)**

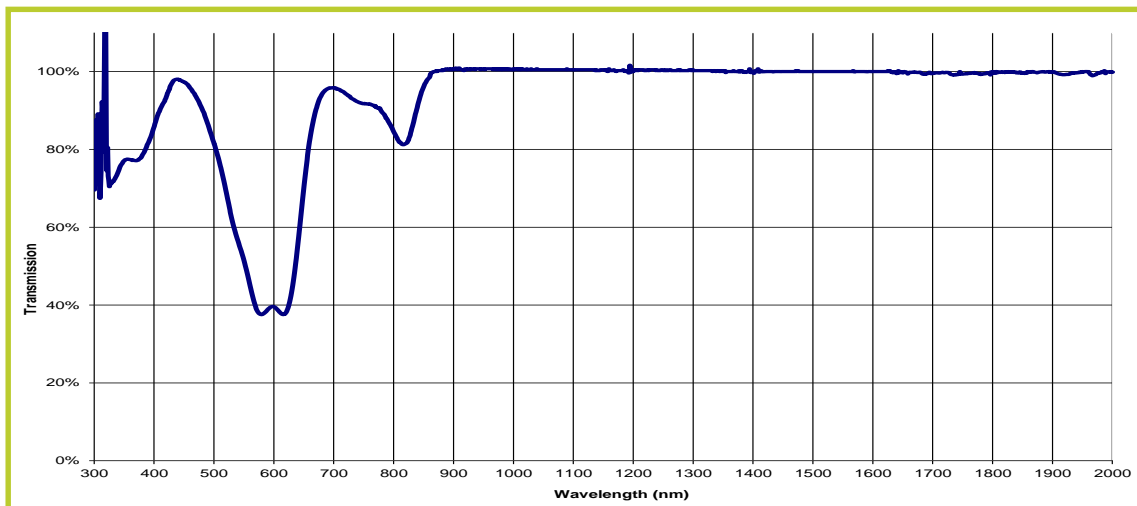
Solubility (grams/100 grams of solvent):

Acetone

Absorption Curve



Transmission Curve



Due to its' excellent balance of properties, **IR Dye 9578** finds use in a broad range of applications where the absorption of Visible light, and the transmission of Infrared light is important:

Applications:

Band pass filters: Can be used in Polycarbonate. Suitable for cell cast acrylics and polycarbonate


Adam Gates & Company, LLC
Fine Chemicals and Near Infrared Dyes