

Technical Data Sheet

Product Code: **IR Dye 9775**

Product Description: **775nm NIR Dye**

Properties

Appearance: **green free flowing powder**

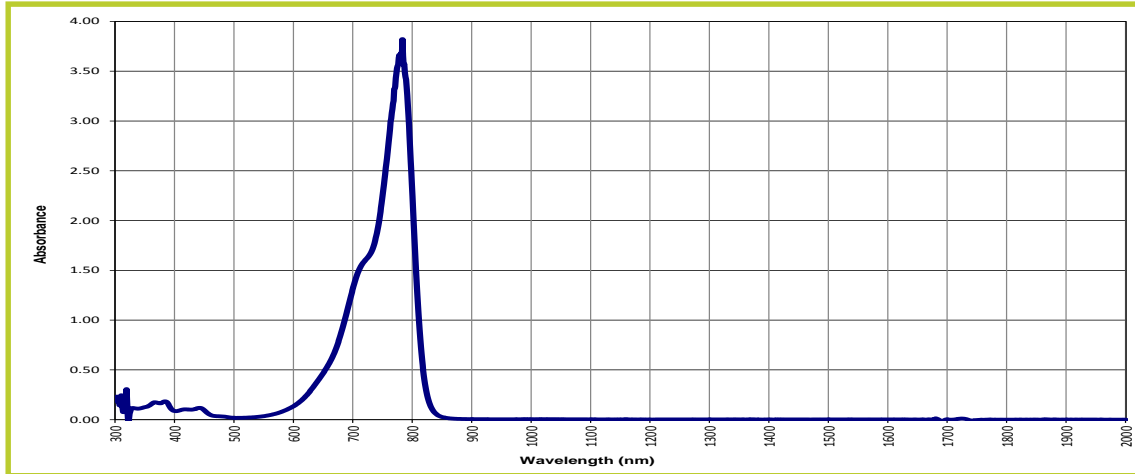
Melting Point: **305°C – 307°C**

Lambda Max: **775 nm**

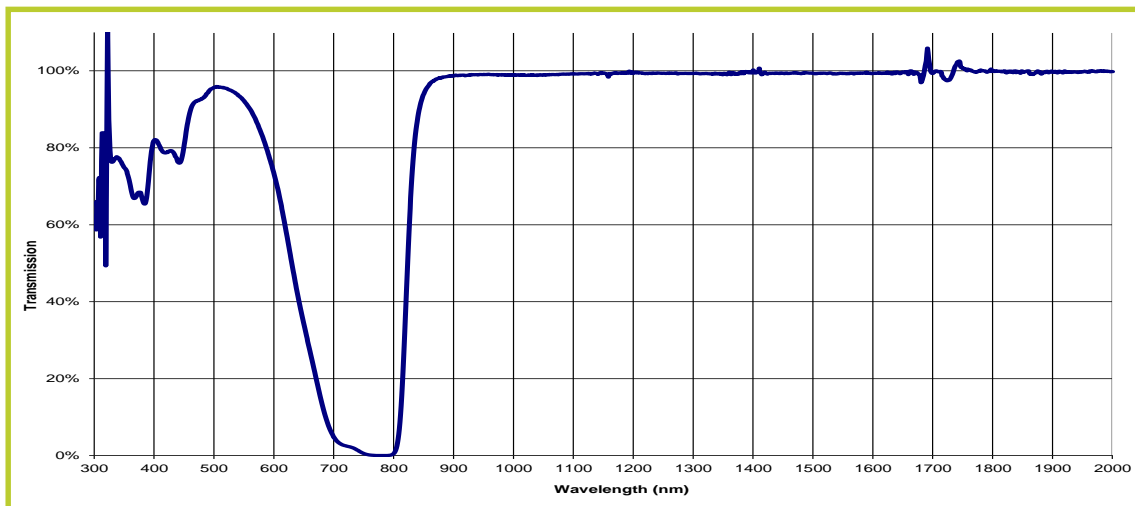
Absorptivity: **318 (L g⁻¹ cm⁻¹)**

Solubility (grams/100 grams of solvent):
acetone, chloroform

Absorption Curve



Transmission Curve



Due to its' excellent balance of properties, **IR Dye 9775** finds use in a broad range of applications where the absorption of Infrared light, and the transmission of Visible light is important:

Computer to Plate

Coatings



Adam Gates & Company