

Technical Data Sheet

Product Code: **IR Dye 9658**

Product Description: 658nm NIR Dye

Properties

Appearance: **blue free flowing powder**

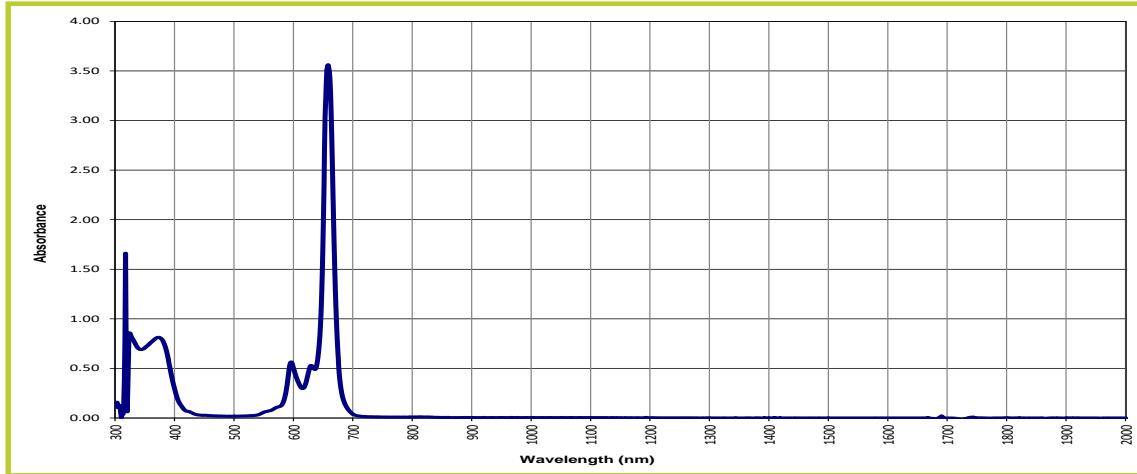
Melting Point: **299°C+**

Lambda Max: **658 nm**

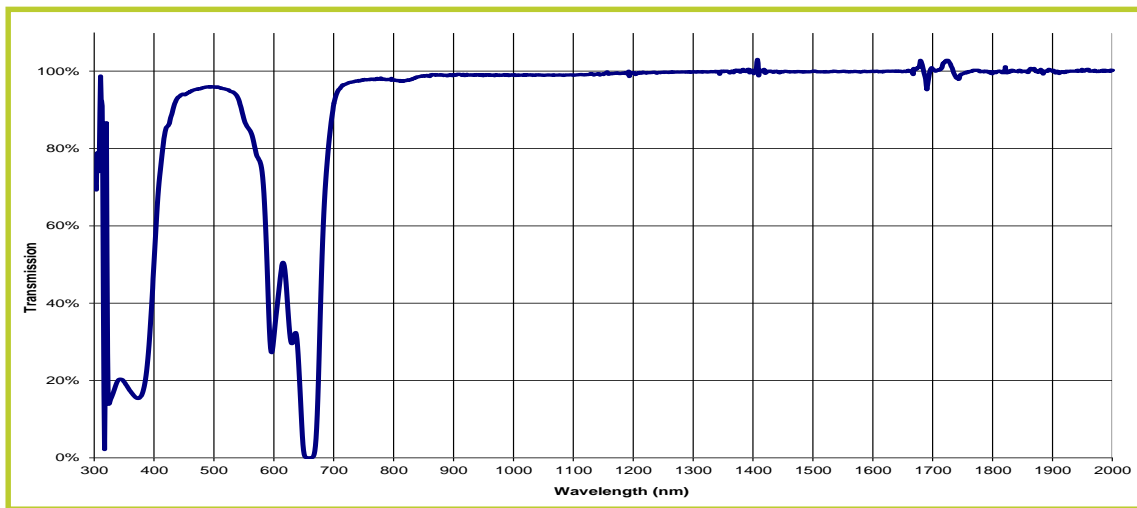
Absorptivity: **233 (L g⁻¹ cm⁻¹)**

Solubility (grams/100 grams of solvent):
acetone

Absorption Curve



Transmission Curve



Due to its' excellent balance of properties, **IR Dye 9658** finds use in a broad range of applications where the absorption of Infrared light, and the transmission of Visible light is important:

Applications: Band pass filters, very sharp cutoff at 658 nm. Can be used in Polycarbonate. Suitable for cell cast acrylics and polycarbonate



Adam Gates & Company