

Technical Data Sheet

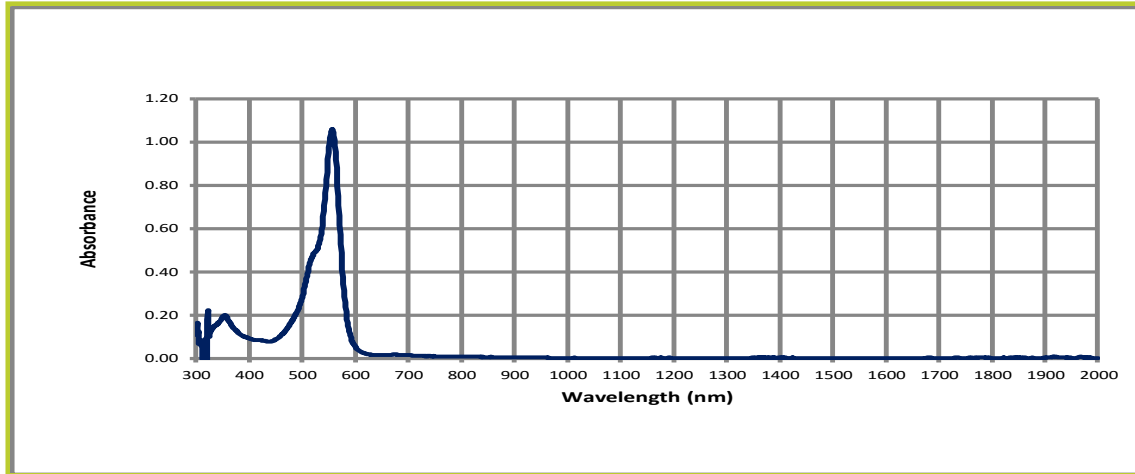
Product Code: **VIS 556**

Product Description: 556nm NIR Dye

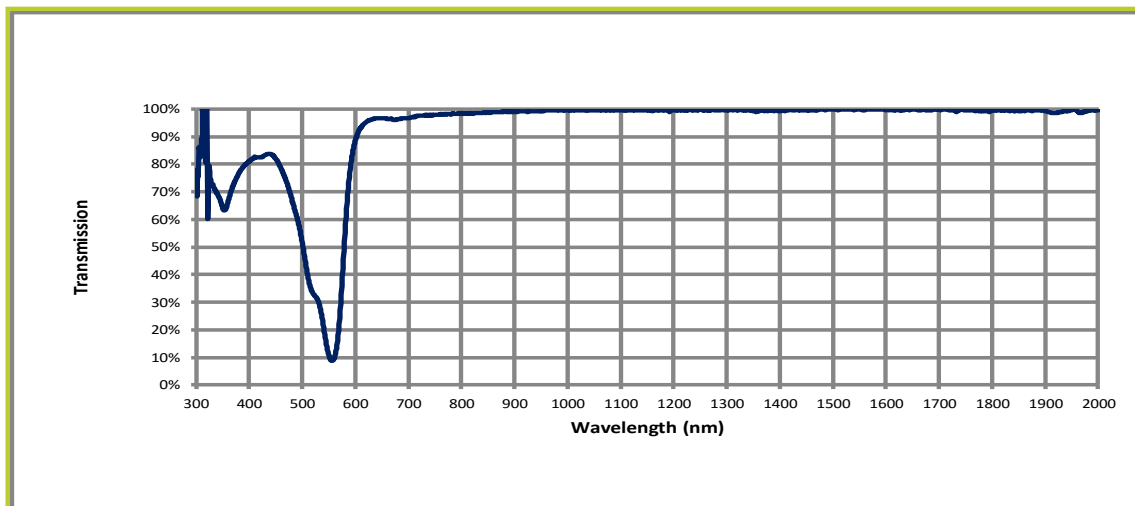
Properties

Appearance: **Red free flowing powder**
Melting Point: **225°C – 227°C**
Lambda Max: **556 nm**
Absorptivity: **85 (L g⁻¹ cm⁻¹)**
Solubility (grams/100 grams of solvent):
Acetone

Absorption Curve



Transmission Curve



Due to its' excellent balance of properties, **VIS 556** finds use in a broad range of applications where the absorption of visible light, and the transmission of infrared light is important:

Due to its' excellent **thermal stability**, and narrow band absorption, this dye provides excellent protection for 532nm lasers, and can be molded into large parts such as polycarbonate face shields. The excellent thermal stability has allowed molders to use lower flow PC thereby providing their customers with a higher impact strength product.



Adam Gates & Company