

Technical Data Sheet

Product Code: **500nm Long Pass**

Product Description: **500nm Long Pass**

Properties

Appearance: **yellow free flowing powder**

Appearance in solution/plastic: **yellow**

Melting Point: **180°C +**

Transmission @ 505nm: **99%**

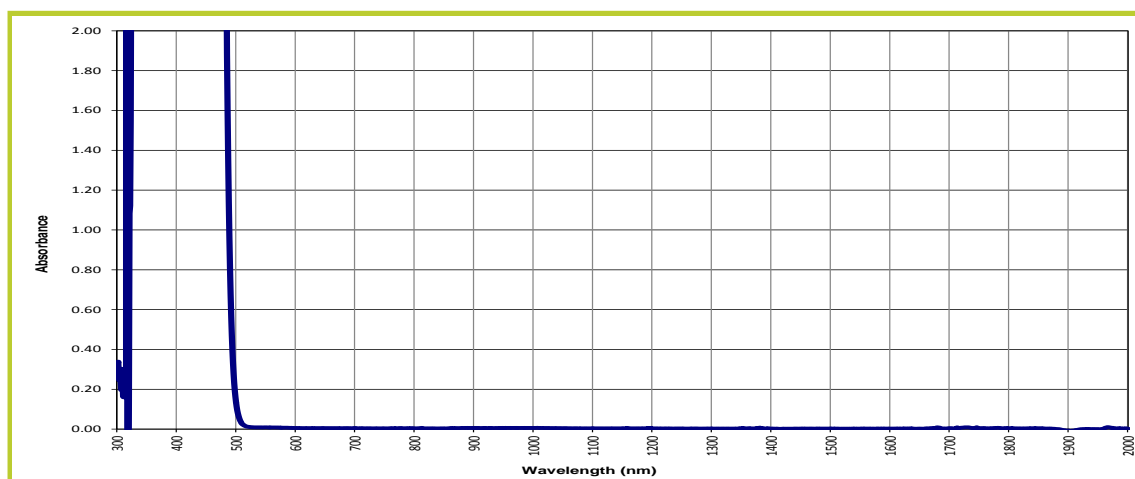
Solubility: **acetone, thermoplastics, solvent based inks, coatings and epoxy systems.**

Due to its' excellent balance of properties, **500nm LP** finds use in a broad range of applications where the absorption of visible light, and the transmission of infrared light above 500nm is important.

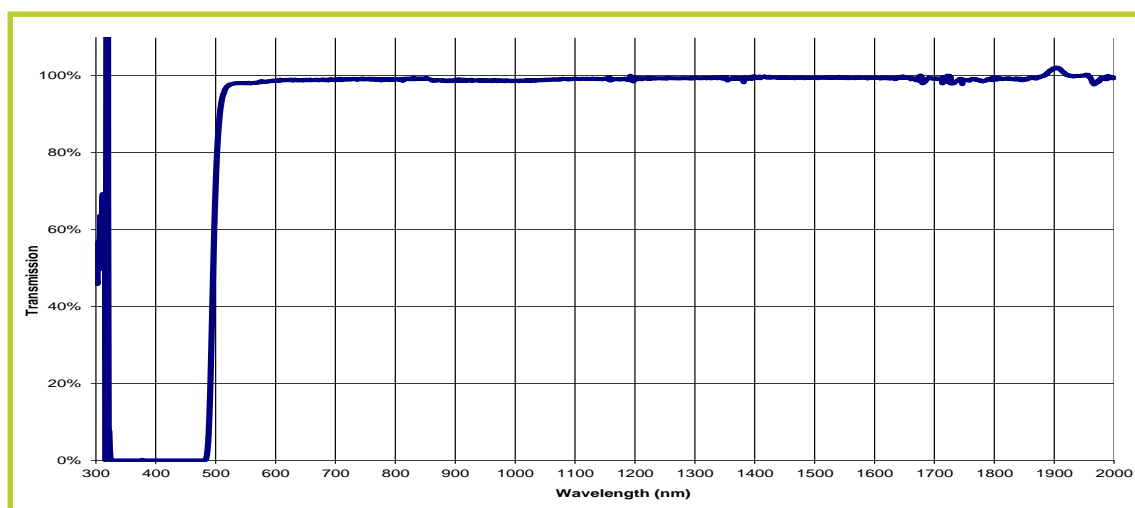
Notes:

A formulated dye mixture designed to block transmission of visible light, while maximizing transmission of infrared light above 500nm. This dye has the thermal stability to be processed into molded, or extruded polycarbonate. It has excellent solubility in oxygenated solvents such as acetone, MEK and alcohols.

Absorption Curve



Transmission Curve



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

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