

Technical Data Sheet

Product Code: **730nm Long Pass**

Product Description: **730nm Long Pass**

Properties

Appearance: **orange free flowing powder**

Appearance in solution/plastic: **red/black**

Melting Point: **180°C +**

Absorption @ 730nm: **99%**

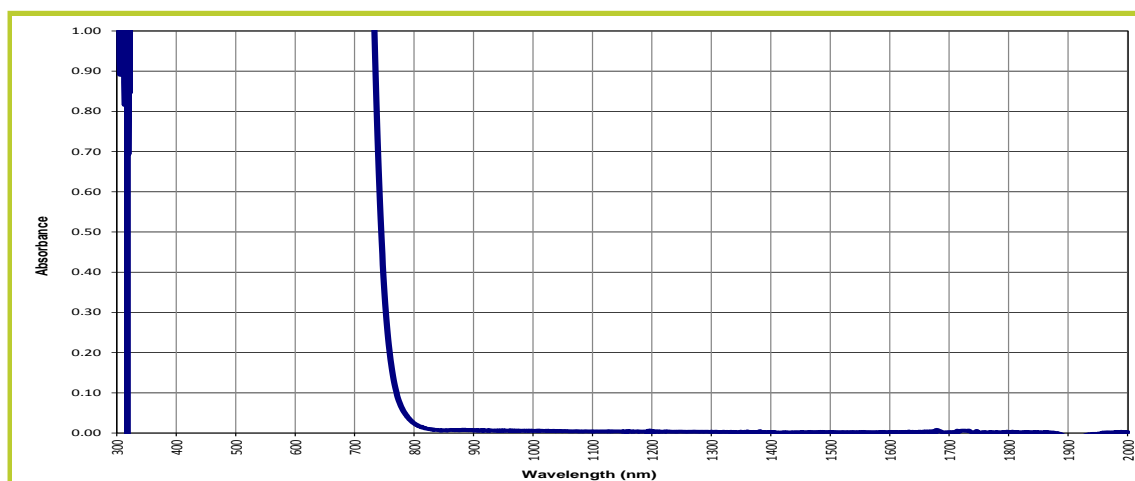
Solubility: **acetone, thermoplastics, solvent based inks, coatings and epoxy systems.**

Due to its' excellent balance of properties, **730nm LP** finds use in a broad range of applications where the absorption of visible light, and the transmission of infrared light above 810nm is important.

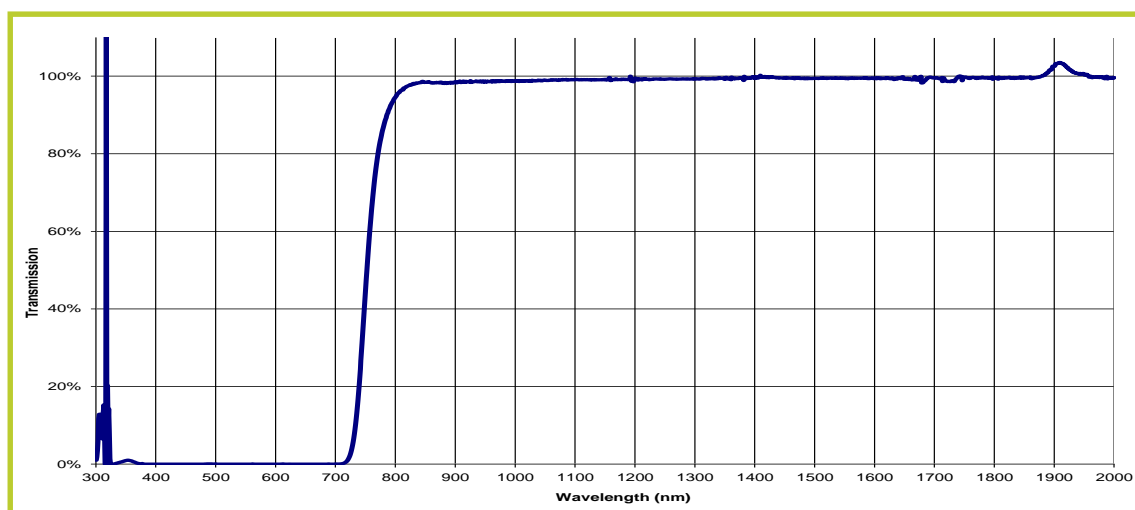
Notes:

A formulated dye mixture designed to block transmission of visible light, while maximizing transmission of infrared light above 730nm. 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

The information in this technical data sheet is presented in good faith and believed to be accurate. Adam Gates & Company makes no representations or warranties as to the completeness or accuracy of the information which is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Adam Gates & Company be responsible for any damages resulting from the use of or reliance upon information from this data sheet or using the product described.