

# Technical Data Sheet

Product Code: **BLOCK VIS**

Product Description: **IR PASS DYE**

## Properties

Appearance: **orange black mix free flowing powder**

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

Melting Point: **180°C +**

Transmission @ 800nm: **99%**

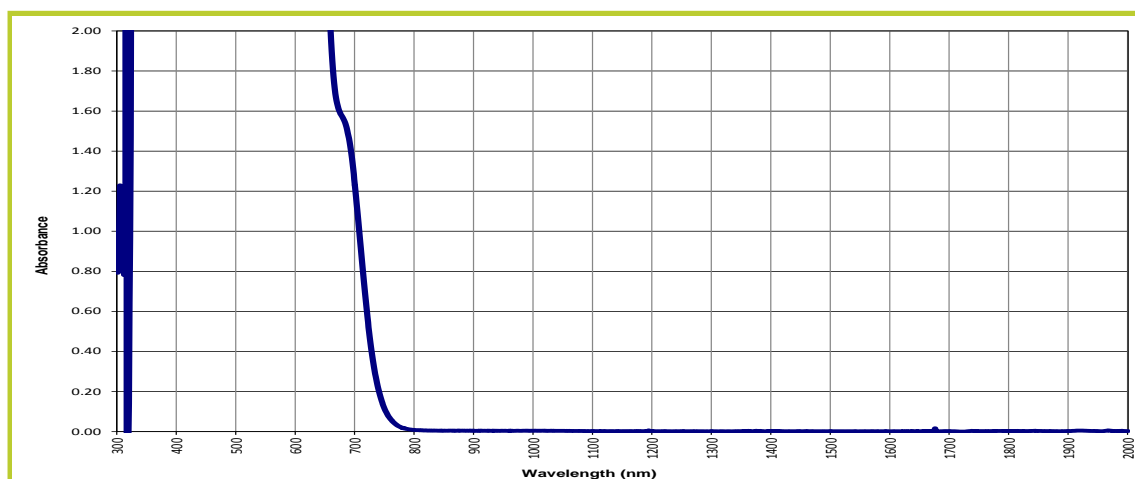
Solubility: **acetone, thermoplastics, solvent based inks, coatings and epoxy systems.**

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

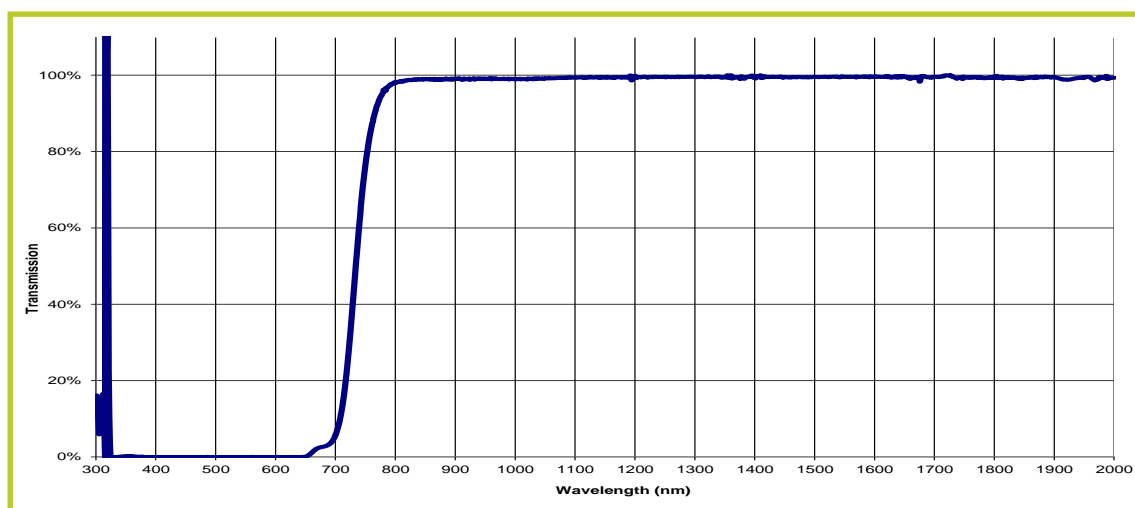
### Notes:

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