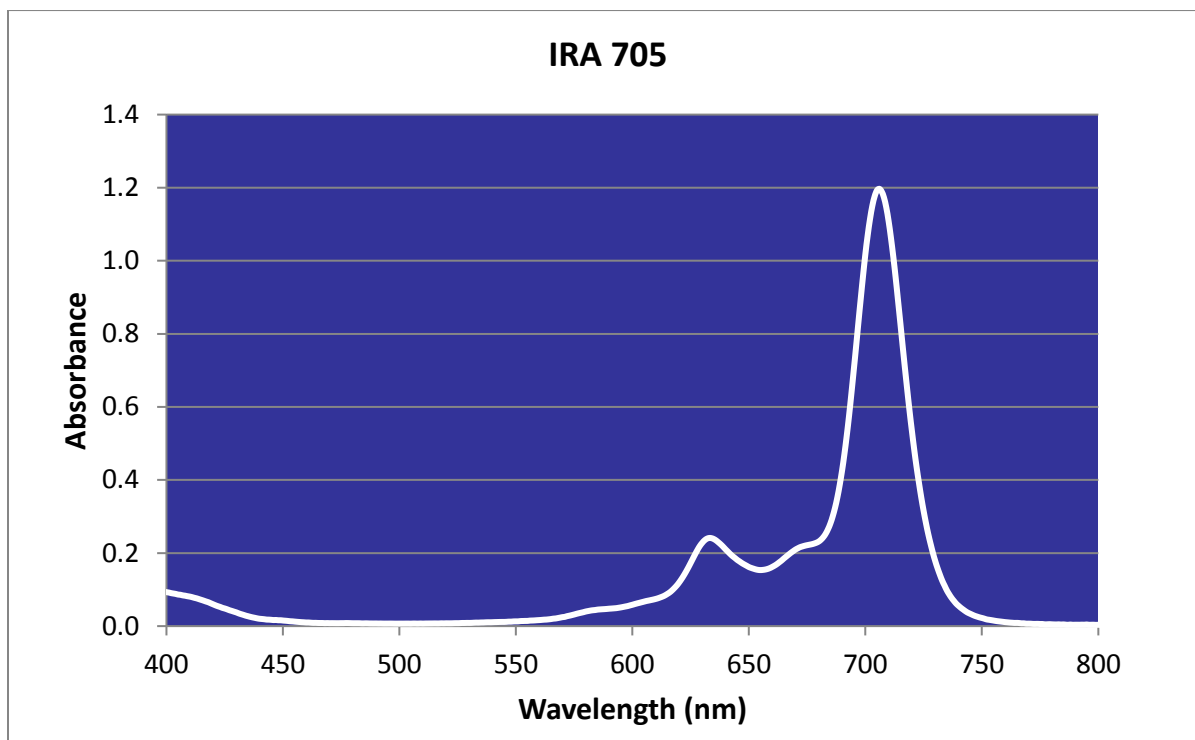


## IRA 705: Infrared Absorber

### Properties

Composition	Proprietary Coordination Complex <sup>1</sup>
Peak Wavelength	706 ± 2 nm (methylene chloride); 709 ± 2 nm (polycarbonate)
Strength	> 240 L/gm-cm (methylene chloride)
Appearance	Dark blue powder
Solubility	12 gm/L (chloroform, dichlorobenzene); 5 gm/L (methylene chloride) 3 gm/L (tetrahydrofuran or cyclohexanone); 0.05 gm/L (ethanol); 2.9 gm/L (toluene), 2.5 gm/L (cyclopentanone)
Melting Point	> 200 °C

### Spectrum (methylene chloride)



- Exciton offers this dye as general purpose, suitable for use in optical filters of all types (displays, spectacles, detectors, etc.). This product is offered under a non-analysis agreement and may be available for licensing for specific applications that require selective absorption and high temperature stability. Please contact Exciton for licensing or additional technical information.

The information presented above is believed to be accurate but is not a specification. The customer is fully responsible for determining the suitability of this product for use in their application. Exciton, Inc. does not represent that the information is sufficient or complete for any specific application.