



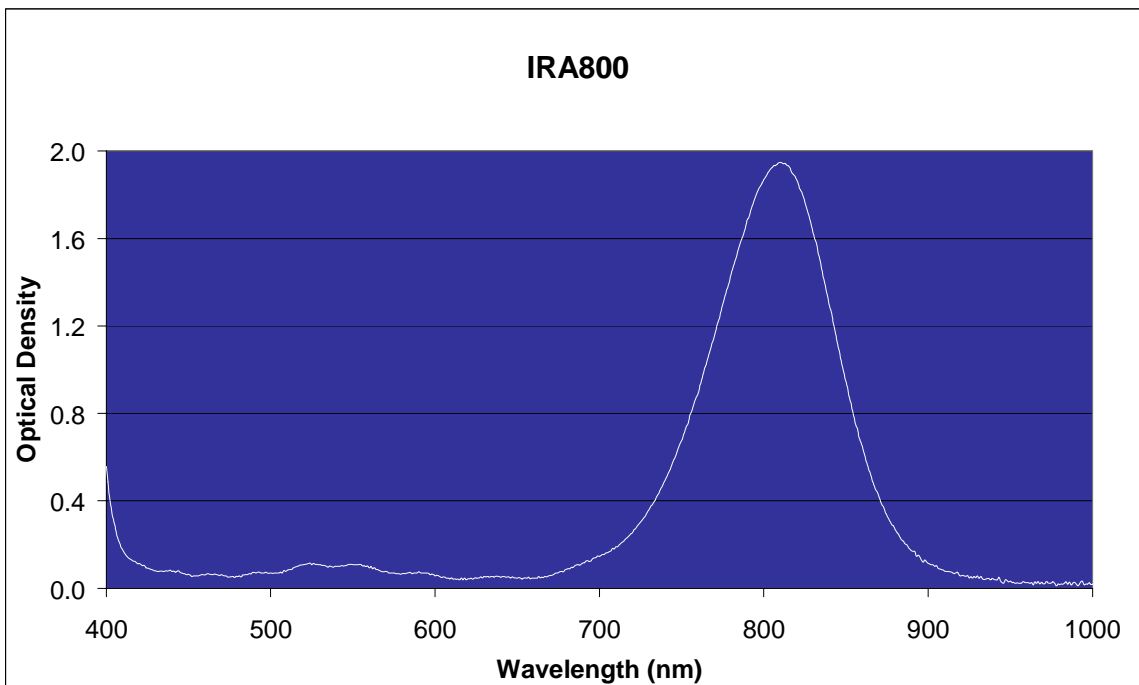
PO Box 31126
Dayton, OH 45437
Tel: 937.252.2989 Fax: 937.258.3937
E-mail: info@exciton.com
www.exciton.com

IRA 800: Infrared Absorber

Properties

| | |
|-----------------|---|
| Composition | Proprietary Coordination Complex ¹ |
| Peak Wavelength | 800 ± 2 nm (methylene chloride); 812 ± 2 nm (polycarbonate) |
| Strength | 74 L/gm-cm (methylene chloride) |
| Appearance | Black crystals (fine powder available upon request) |
| Solubility | 1 gm/L (methylene chloride, tetrahydrofuran, or toluene), 1.5 gm/L (chloroform), 0.5 gm/L (cyclopentanone) |
| Melting Point | > 300°C |
| Solar Stability | Very Good |

Spectrum (polycarbonate)



1. This product is offered by Exciton, Inc. under non-analysis 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.