



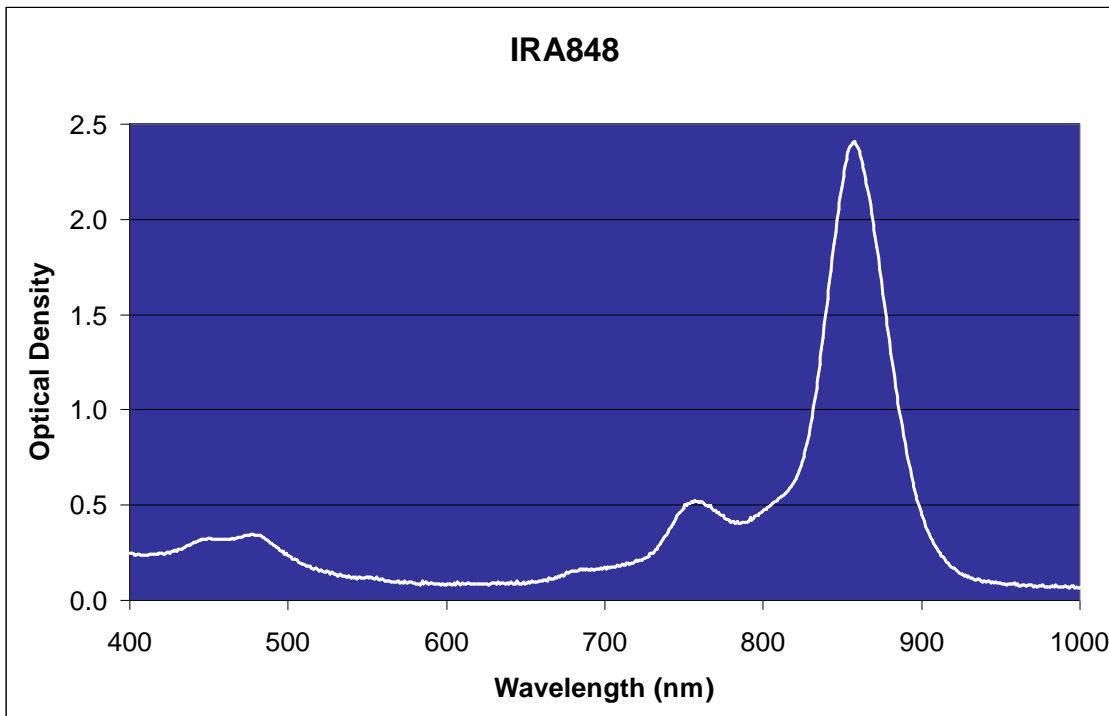
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## IRA 848: Infrared Absorber

### Properties

|                 |   |
|-----------------|---|
| Composition     | Proprietary Coordination Complex <sup>1</sup>   |
| Peak Wavelength | 848 ± 2 nm (methylene chloride), 858 ± 2 (polycarbonate)  |
| Strength        | 162 L/gm-cm (methylene chloride)  |
| Appearance      | Brown powder  |
| Solubility      | 24 gm/L (toluene), 4 gm/L (methylene chloride),<br>41 gm/L (chloroform), 1.5 gm/L (cyclopentanone), 0.4 gm/L<br>(methyl ethyl ketone), 2.7 gm/L (cyclohexanone) |
| Melting Point   | > 300 °C  |
| Solar Stability | Moderate  |

### 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.

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