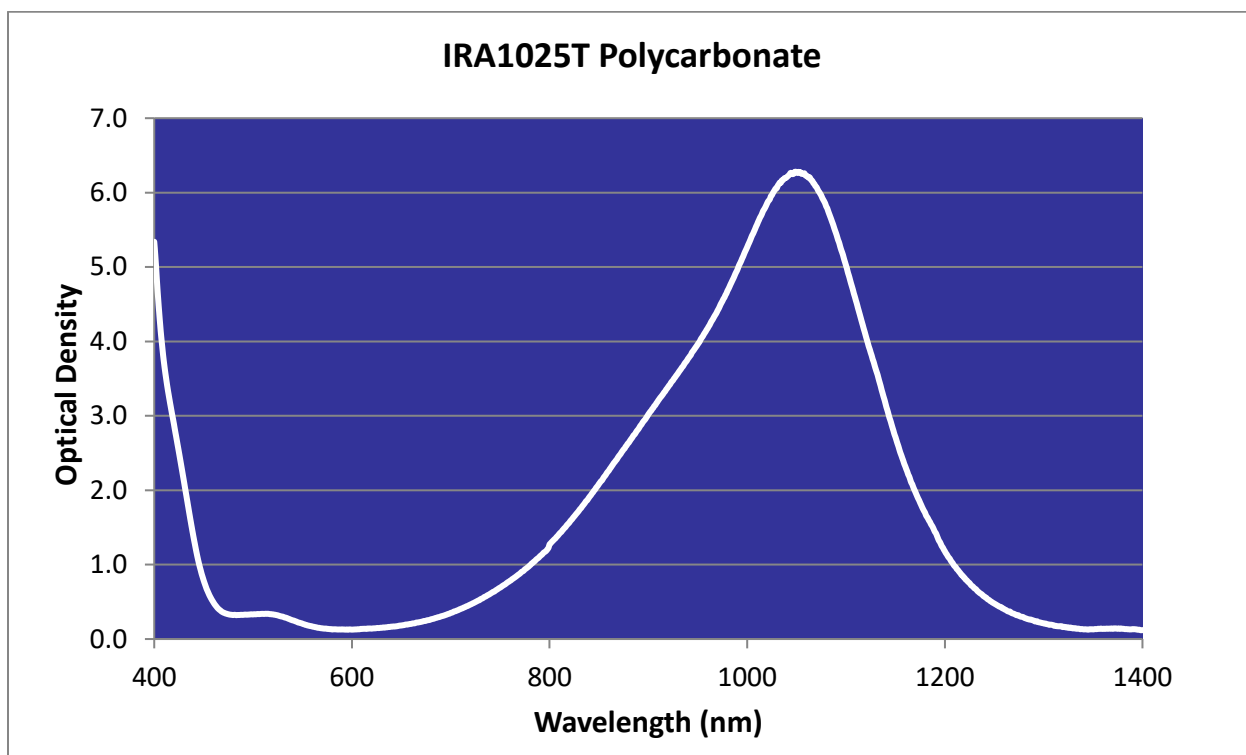


## IRA 1025T: Infrared Absorber

### Properties

Composition	Proprietary Organic Salt <sup>1</sup>
Peak Wavelength	1037 ± 2 nm (methylene chloride), 1050 ± 2 nm (polycarbonate)
Strength	About 37 L/gm-cm (methylene chloride), as pure dye
Offered as	Pure dye, or 50/50 to 70/30 mixtures of dye/polycarbonate powders
Appearance	Brown, low-melting-point solid
Solubility	Very high solubility in many organic solvents Insoluble in water
Melting Point	About 30 °C
Solar Stability	Good, loss of about 1.2 OD in 200 hours in UV stabilized polycarbonate

### 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.