



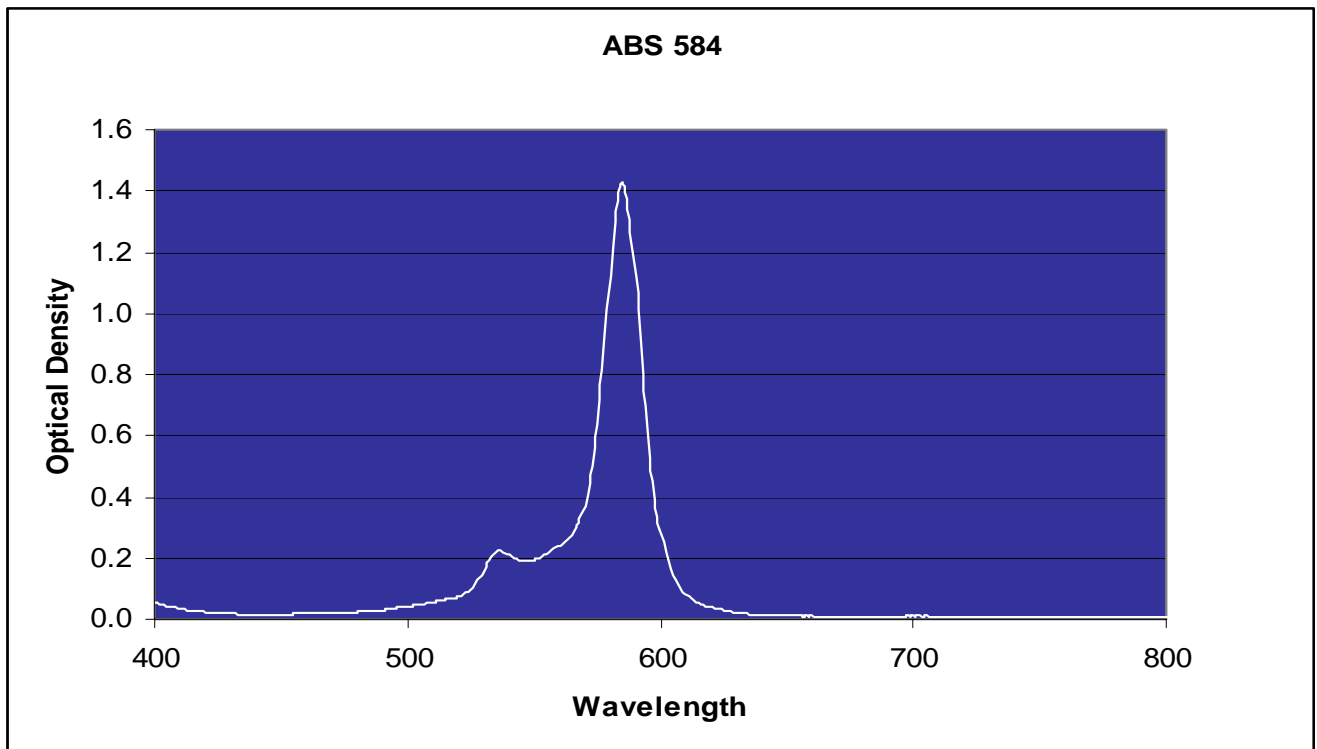
PO Box 31126  
Dayton, OH 45437  
Tel: 937.252.2989 Fax: 937.258.3937  
E-mail: [info@exciton.com](mailto:info@exciton.com)  
[www.exciton.com](http://www.exciton.com)

## ABS 584: Visible Narrow Band Absorber

### Properties

Composition	Proprietary Coordination Complex <sup>1</sup>
Peak Wavelength	583 ± 2 nm (methylene chloride)
Strength	190 L/gm-cm (methylene chloride)
Appearance	Reddish purple powder
Solubility	10 gm/L (methylene chloride), 6 gm/L (acetone), 5 gm/L (hexane), 1.9 gm/L (toluene)
Spectral Purity	Full width at half maximum in absorbance: 18.5 ± 2.0nm (methylene chloride)
Melting Point	> 300 °C
Solar Stability	Excellent

### 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.