



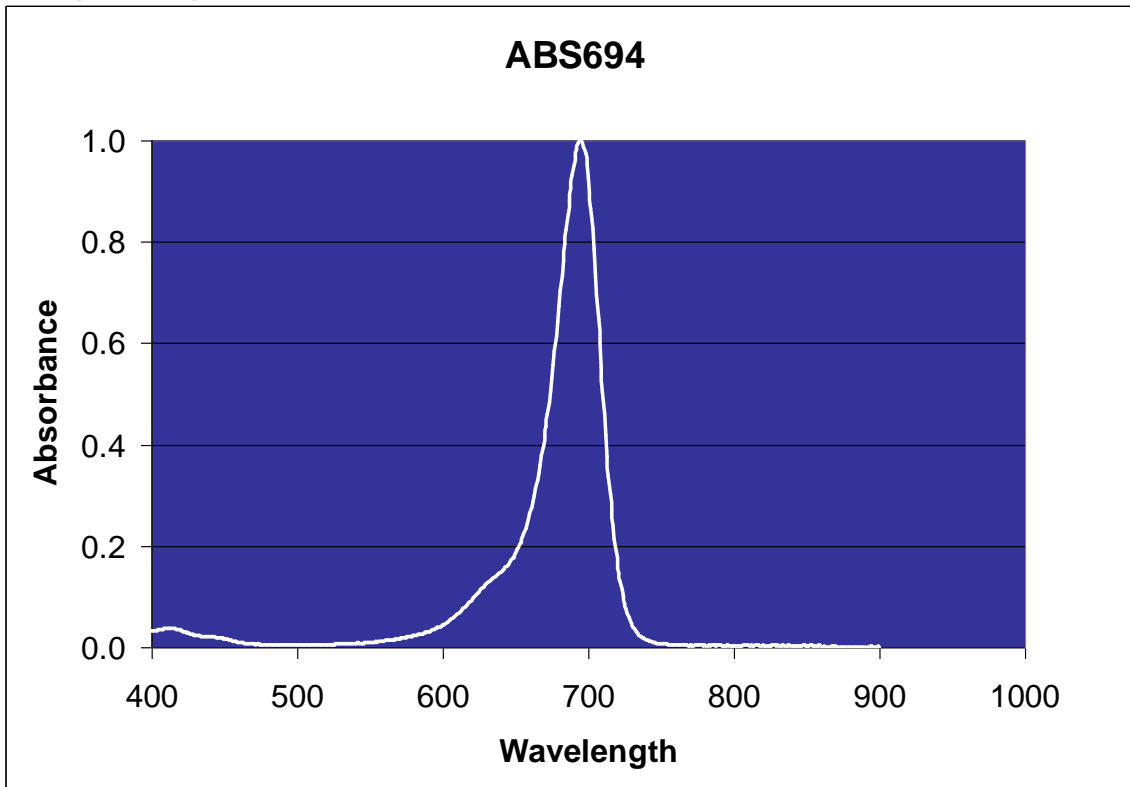
PO Box 31126  
Dayton, OH 45437  
Tel: 937.252.2989 Fax: 937.258.3937  
E-mail: info@exciton.com  
www.exciton.com

## ABS 694: Fluorescent Narrow Band Absorber

### Properties

Composition	Proprietary <sup>1</sup>
Peak Absorption	695 nm $\pm$ 1 nm (acetone); 698 $\pm$ 1 (methylene chloride) 701 nm $\pm$ 1 nm (cyclopentanone)
Peak Emission	725 $\pm$ 2 nm (methylene chloride)
Strength	525 L/gm-cm (methylene chloride)
Appearance	Green powder
Solubility	0.04 gm/L (DMSO), 0.2 gm/L (acetone), 0.8 gm/L (toluene) 2.8 gm/L (cyclopentanone), 30 gm/L (methylene chloride) 60 gm /L (chloroform), 1.8 gm/L (tetrahydrofuran)
Melting Point	> 250 °C

### Spectrum (acetone)



1. 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.