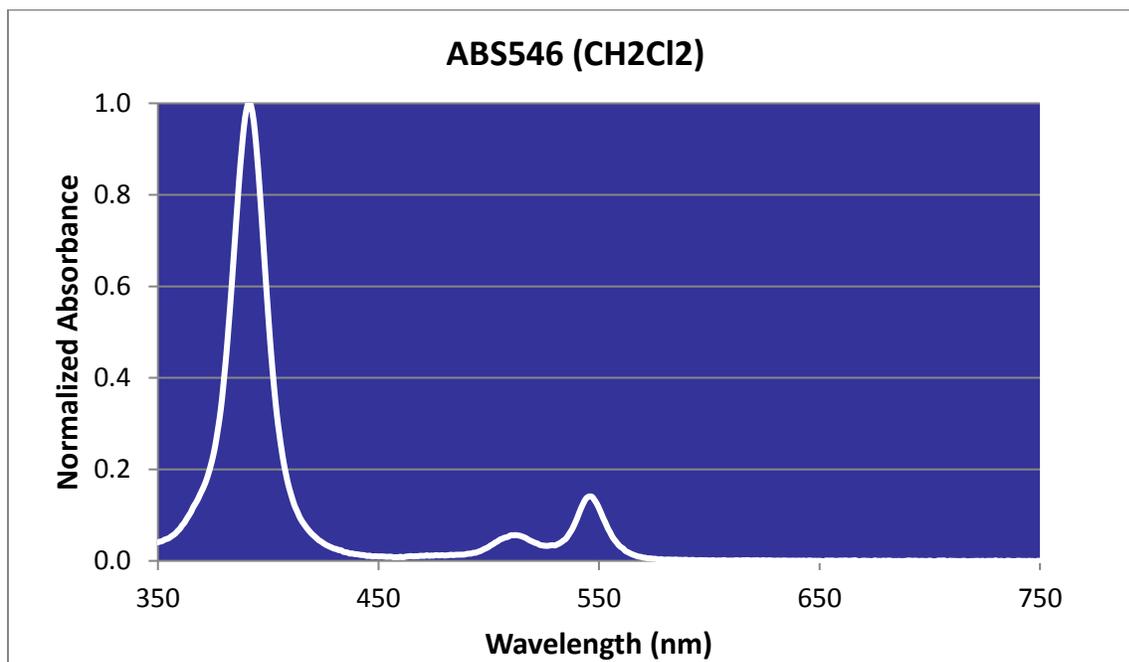


ABS 546: Visible Narrow Band Absorber

Properties

Composition	Proprietary Coordination Complex ¹
Peak Wavelength	391, 546 ± 1 nm (methylene chloride),
Strength	330 and 45 L/gm-cm (methylene chloride) at 391 and 546 nm
Appearance	Red powder
Solubility	43.8 gm/L (chloroform), 24 gm/L (methylene chloride), 7 gm/L (cyclohexanone), 6.4 gm/L (toluene), 5.1 gm/L (methyl ethyl ketone), 0.3 gm/L (hexane)
Melting Point	> 300 °C
Solar Stability	Almost unchanged after 200 hours simulated sun exposure

Spectrum (methylene chloride)



1. This product is offered by Exciton, Inc. under non-analysis and may be available for licensing for specific applications. Please contact Exciton for licensing or additional technical information.

2. Potential uses of this product include light filtration, for example, filters for eyes or electronic sensors, eyewear, and sunwear; including effects such as vision protection, retinal protection, acuity enhancement, vision enhancement, contrast enhancement, color enhancement, and/or chroma enhancement, laser protection, when used alone or in combination with other dyes in polymer hosts, whether as coatings or in lenses or substrates.

3. 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.