



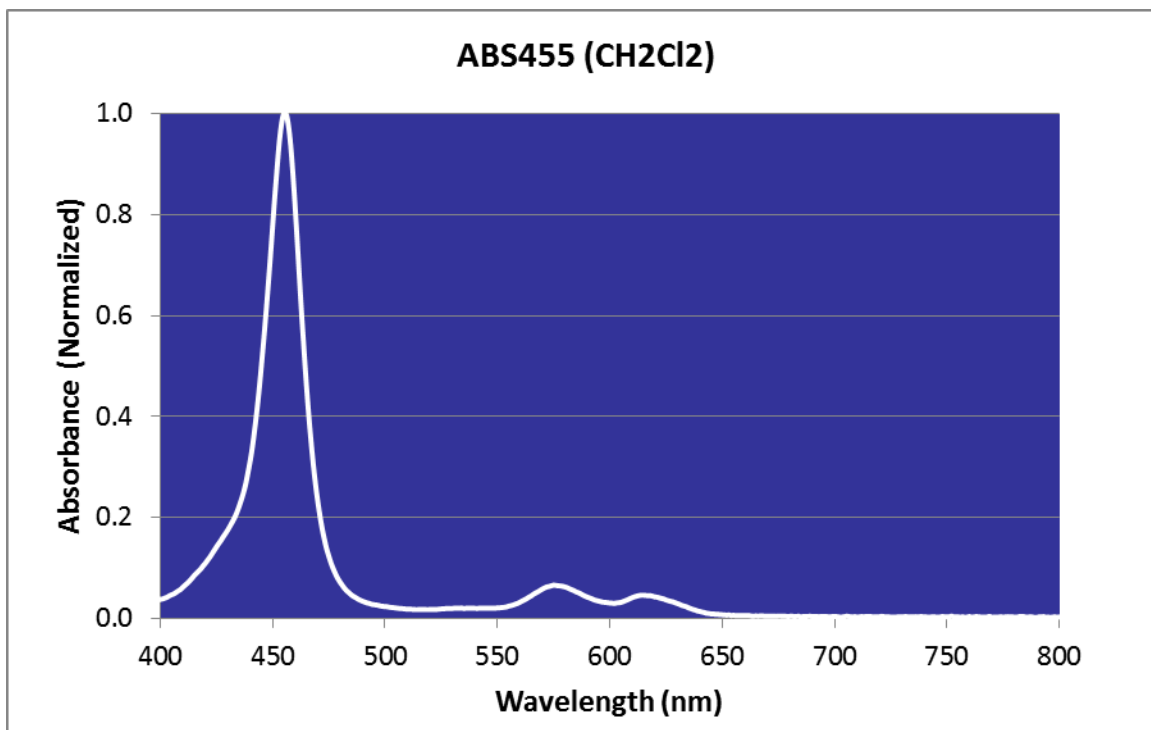
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## ABS 455: Visible Narrow Band Absorber

### Properties

Composition	Proprietary Coordination Complex <sup>1</sup>
Peak Wavelength	455 ± 1 nm (methylene chloride) Estimated 459 nm ± 1 nm (polycarbonate)
Strength	324 L/gm-cm (methylene chloride)
Appearance	Dark crystalline powder
Solubility	~8 gm/L (CH <sub>2</sub> Cl <sub>2</sub> ), < 0.1 gm/L (DMF), ~ 12 gm/L (CHCl <sub>3</sub> )

### Spectrum (methylene chloride)



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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.