



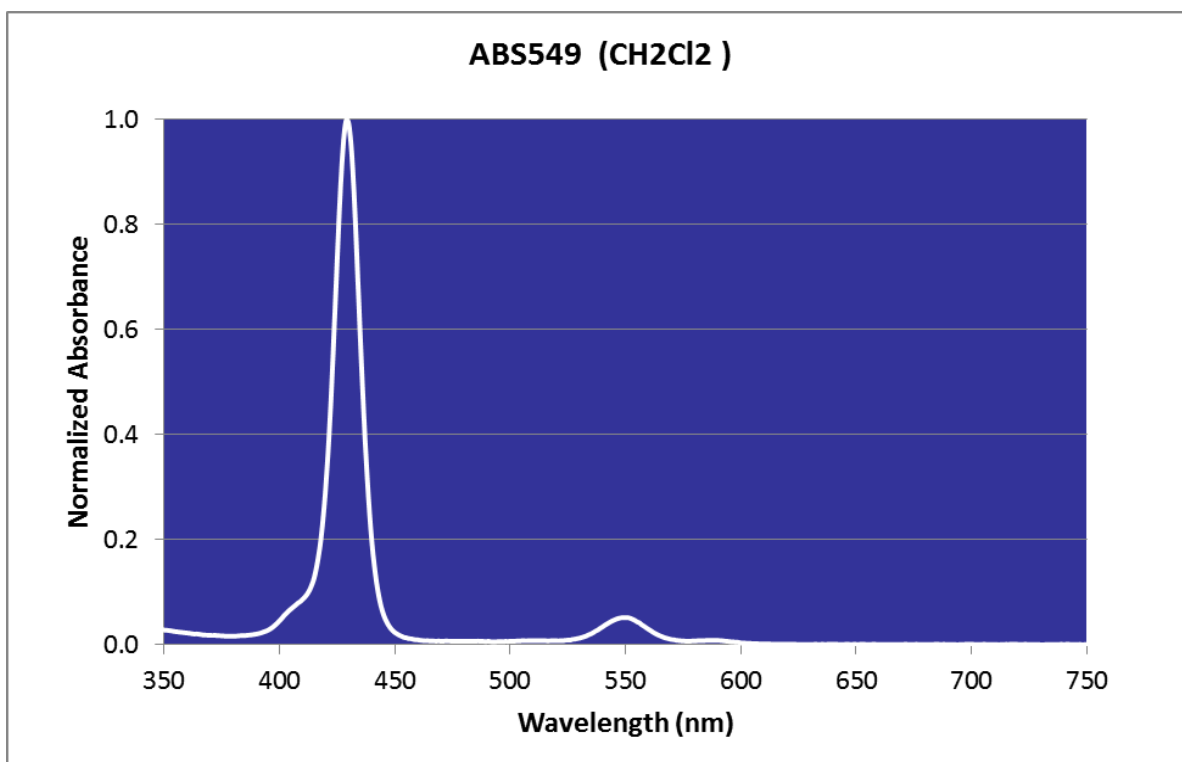
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ABS 549: Visible Narrow Band Absorber

Properties

Composition	Proprietary Coordination Complex ¹
Peak Wavelength	429, 550 ± 1 nm (methylene chloride)
Strength	540 and 27 L/gm-cm (methylene chloride) at 429 and 550 nm
Appearance	Purple crystalline powder, Melting Point > 300 °C
Solubility	23 gm/L (methyl ethyl ketone), > 20 gm/L (methylene chloride), >20 gm/L (chloroform), < 50 mg/L (isopropyl alcohol)
Solar Stability	Fades about 0.2 OD in 200 hours

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.