



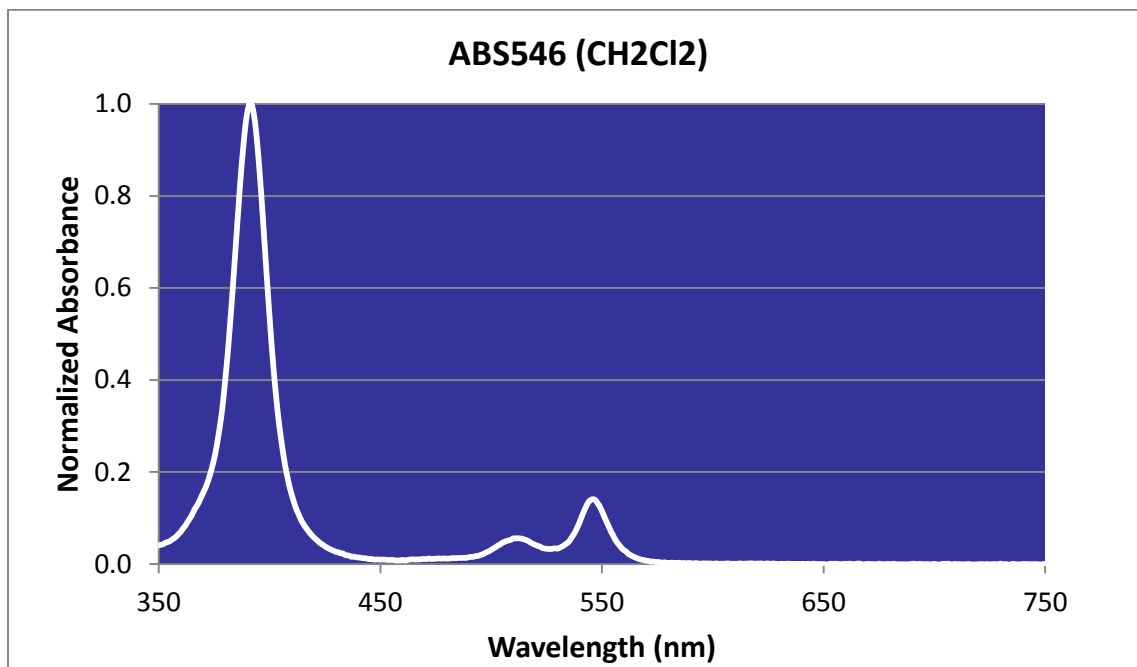
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ABS 546: Visible Narrow Band Absorber

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.