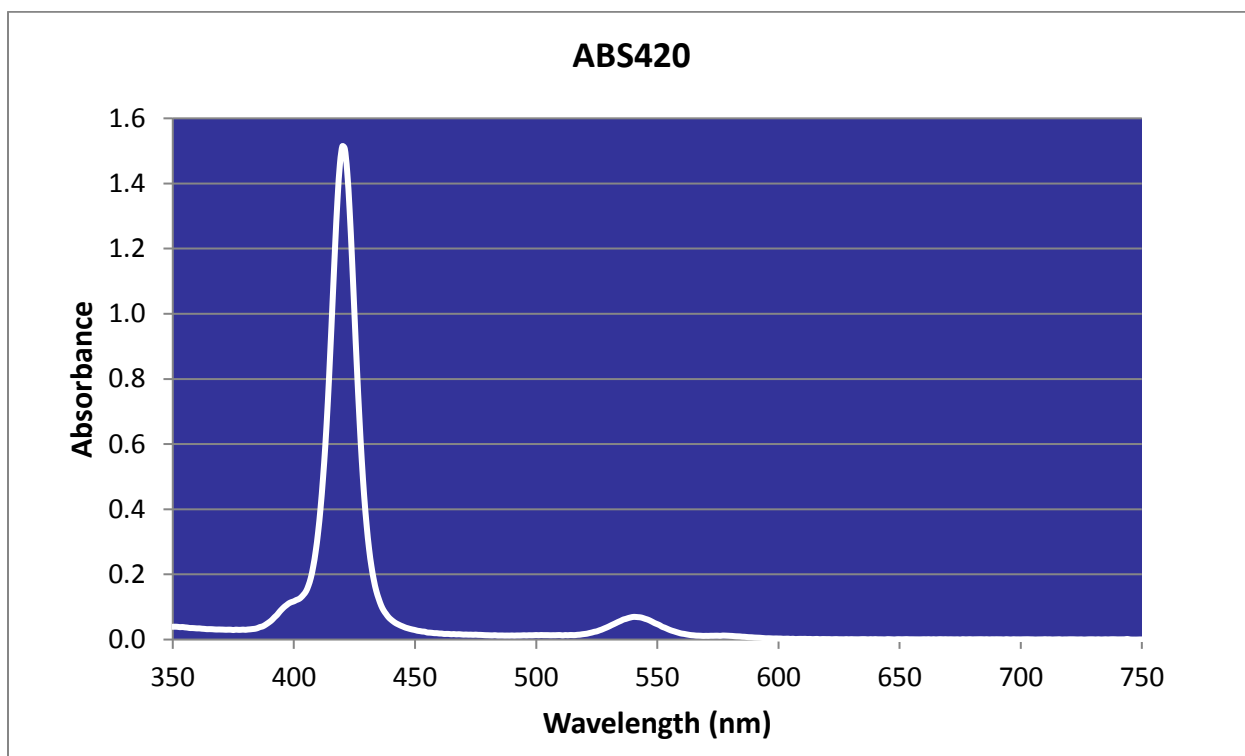


ABS 420: Visible Narrow Band Absorber

Properties

Composition	Proprietary Coordination Complex ¹
Peak Wavelength	420 ± 1 nm (methylene chloride), 424 ± 1 nm (polycarbonate)
Strength	580 L/gm-cm (methylene chloride)
Appearance	Purple crystalline powder
Solubility	9.25 gm/L (cyclopentanone), 4.5 gm/L (methylene chloride), 16 gm/L (chloroform), 7.5 gm/L (toluene)
Melting Point	> 300 °C
Solar Stability	Fair, loss of 0.41 OD in 200 hours in polycarbonate, 1 sun

Spectrum (methylene chloride)



- 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.