



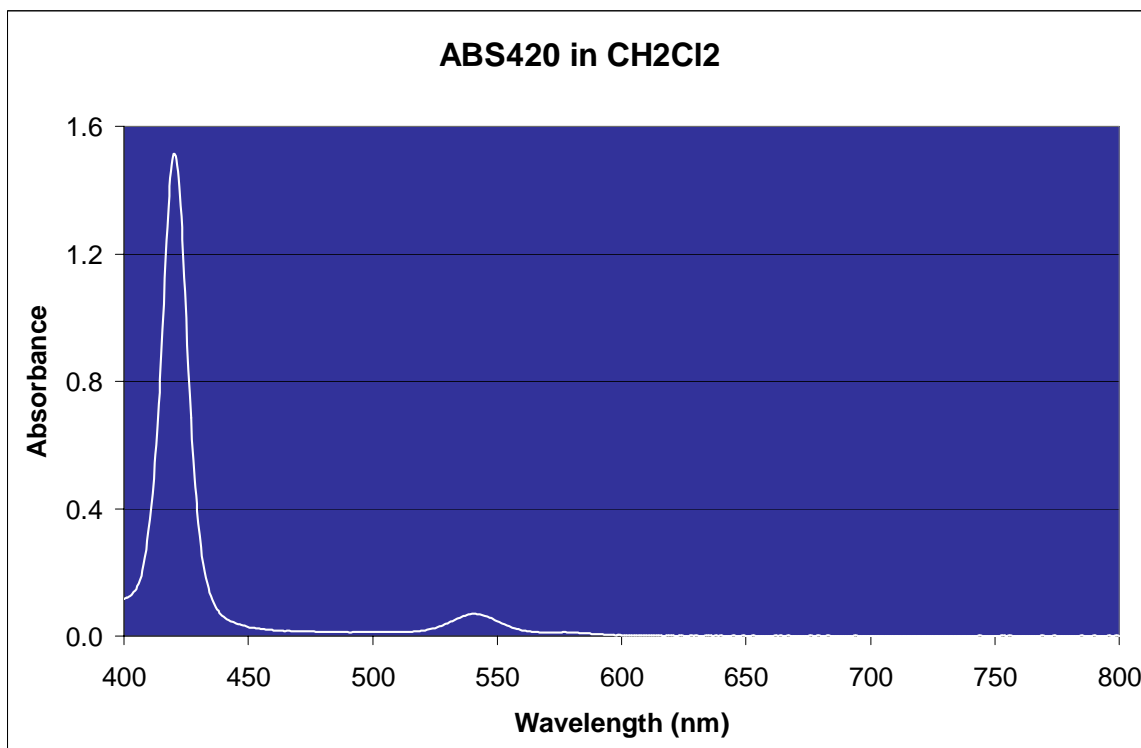
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ABS 420: Visible Narrow Band Absorber

Properties

Composition	Proprietary Coordination Complex ¹
Peak Wavelength	420 ± 1 nm (methylene chloride), 424 ± 1 nm (polycarbonate)
Strength	650 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)



1. This product is offered by Exciton, Inc. 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.

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