



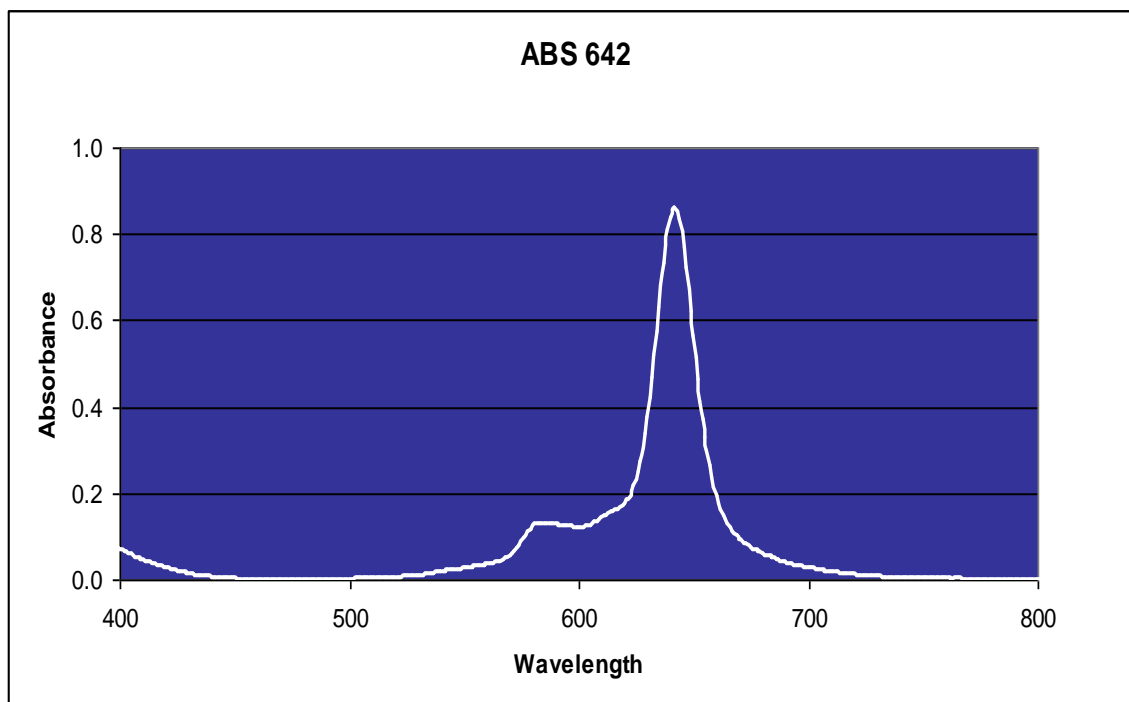
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ABS 642: Visible Narrow Band Absorber

Properties

Composition	Proprietary Coordination Complex ¹
Peak Wavelength	635 ± 1 nm (methanol); 642 ± 1 nm (methylene chloride); 643 ± 1 nm (chloroform); 646 ± 1 nm (polycarbonate);
Strength	> 185 L/gm-cm (methanol)
Appearance	Blue powder
Solubility	> 10 g/L (isopropanol); > 50 g/L (ethylene glycol butyl ether); > 25 g/L (methyl ethyl ketone), 6 g/L (toluene), 35 g/L (chloroform), 35 g/L (tetrahydrofuran)
Melting Point	> 300 °C
Solar Stability	Excellent

Spectrum (methylene chloride)



1. This product is offered by Exciton, Inc. under non-analysis 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.