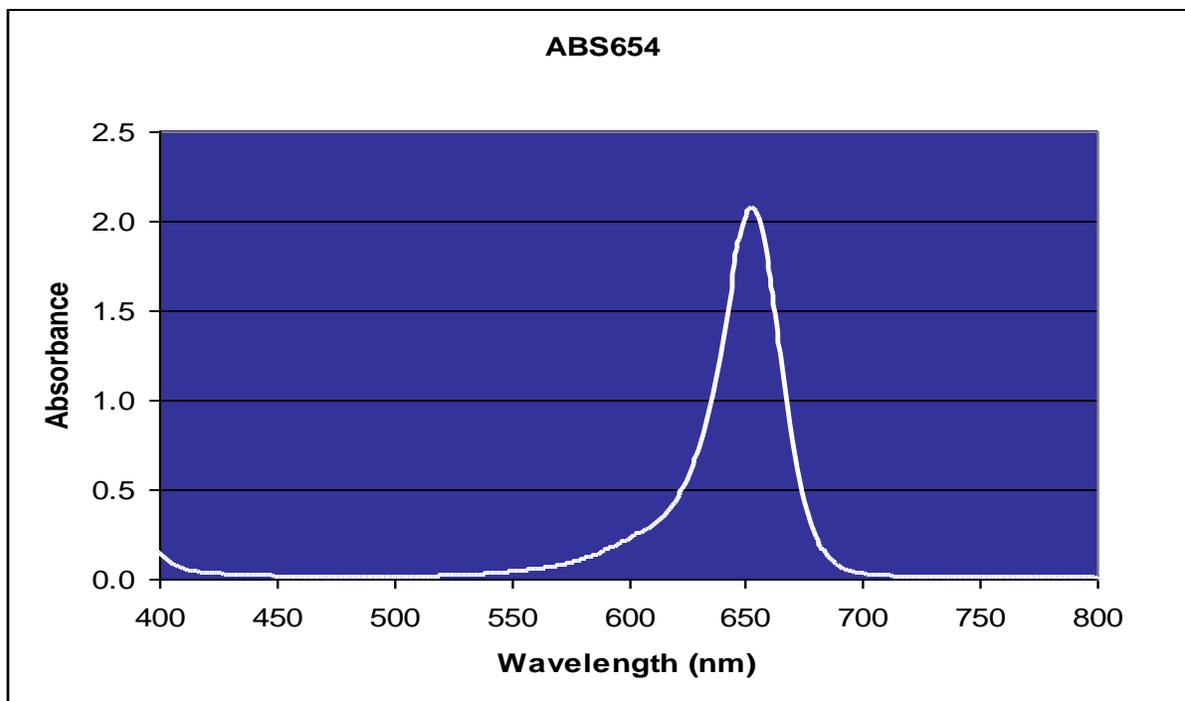


ABS 654: Fluorescent Narrow Band Absorber

Properties

Composition	Proprietary ¹
Peak Absorption	648 ± 1 nm (methylene chloride); 646 ± 2 (toluene); 654 ± 1 nm (polycarbonate)
Peak Emission	665 ± 2 (methylene chloride)
Strength	> 700 L/gm-cm (toluene)
Appearance	Metallic green needle-like crystals
Solubility	22 g/L (tetrahydrofuran), 42 g/L (chloroform), 3.4 g/L (acetone), 0.15 g/L (isopropyl alcohol)
Light Stability	Fade of about 0.4 OD in 100 hours of simulated solar (good)
Melting Point	> 150 °C

Spectrum (polycarbonate)



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.