



## LIGHT EMITTING HOMOPOLYMER FOR OLED & PLED DEVICES

# ADS121BE

### INTRODUCTION

American Dye Source, Inc. offers from gram to kilogram quantity conjugated polymers, which are derived from benzothiazole, carbazole fluorene, phenylene, phenylene-vinylene and thiophene. We supply these products in solid forms or in solutions.

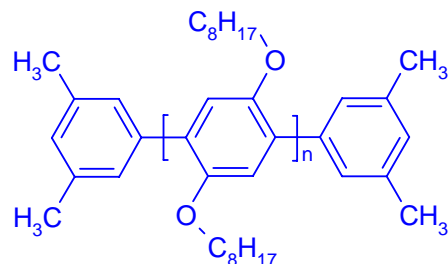
### DESCRIPTION

**ADS121BE** is Poly(2,5-dioctyl-1,4-phenylene) end-capped with DMP. ADS121BE is soluble in toluene and tetrahydrofuran. ADS121BE can be used for fabrication of light emitting displays, bio-sensors, and more.

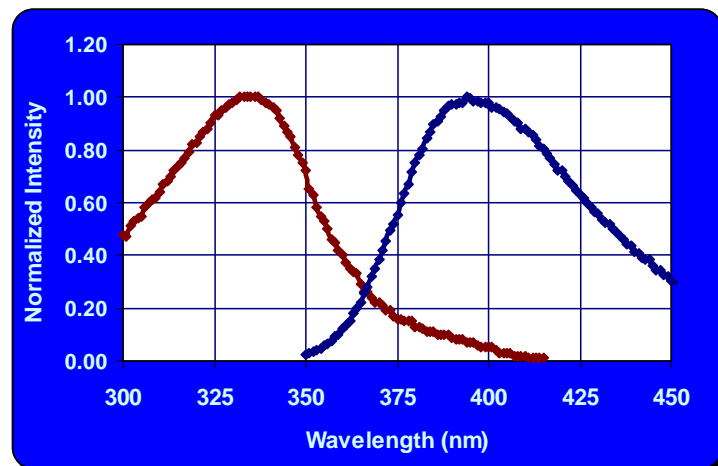
### TECHNICAL DATA

- ❑ Appearance: Yellow powder or fibers
- ❑ Molecular weights: 5,000 – 15,000
- ❑ Absorption maximum: 335 nm
- ❑ Photoluminescent maximum: 394 nm
- ❑ Storage: under Argon atmosphere

### STRUCTURE



### SPECTRA



*Absorption and emission spectra of ADS121BE film in THF solution.*

### CONTACT INFORMATION

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