



LIGHT EMITTING HOMOPOLYMER FOR OLED & PLED DEVICES

ADS129BE

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.

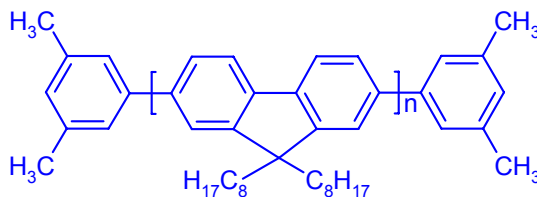
DESCRIPTION

ADS129BE is Poly(9,9-dioctylfluorenyl-2,7-diyl) end capped with dimethylphenyl. It is also called **PFO**. ADS129BE is highly soluble in toluene, tetrahydrofuran, and chlorobenzene. ADS129BE can be used for fabrication of light emitting displays, biosensors, and more.

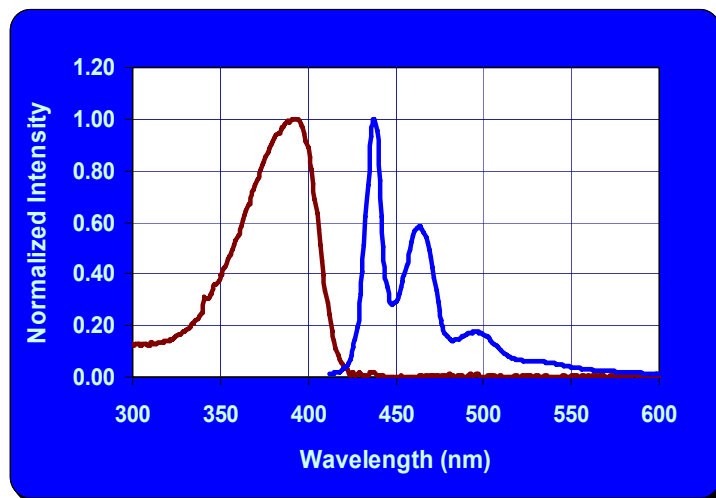
TECHNICAL DATA

- ❑ Appearance: Yellow fiber or flake
- ❑ Molecular Weight: 40,000 – 120,000
- ❑ Absorption maximum: 393 nm
- ❑ Photoluminescent maximum: 438 nm
- ❑ Storage: under Nitrogen atmosphere

STRUCTURE



SPECTRA



Absorption and emission spectra of ADS129BE film in THF solution.

CONTACT INFORMATION

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