



LIGHT EMITTING HOMOPOLYMER FOR OLED & PLED DEVICES

ADS431BE

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.

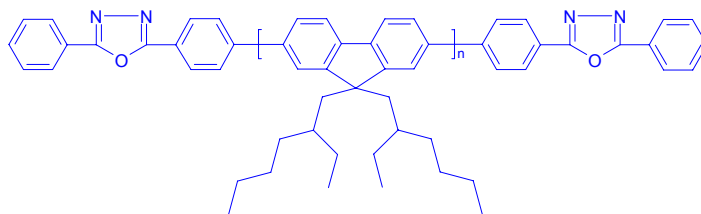
DESCRIPTION

ADS431BE is Poly[9,9-di-(2-ethylhexyl)-fluorenyl-2,7-diyl] end capped with 2,5-diphenyl-1,2,4-oxadiazole. ADS431BE is highly soluble in toluene and tetrahydrofuran. ADS431BE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

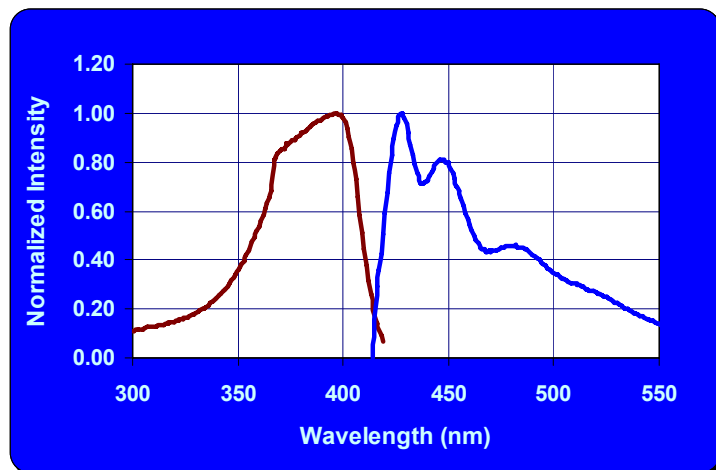
TECHNICAL DATA

- ❑ Appearance: Light yellow powder
- ❑ Molecular Weight: 40,000 – 120,000
- ❑ Absorption maximum: 385 nm
- ❑ Photoluminescent maximum: 410 nm
- ❑ Storage: under Nitrogen atmosphere

STRUCTURE



SPECTRA



Absorption and emission spectra of ADS431BE film in THF solution.

CONTACT INFORMATION

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