



LIGHT EMITTING HOMOPOLYMER FOR OLED & PLED DEVICES

ADS331BE

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.

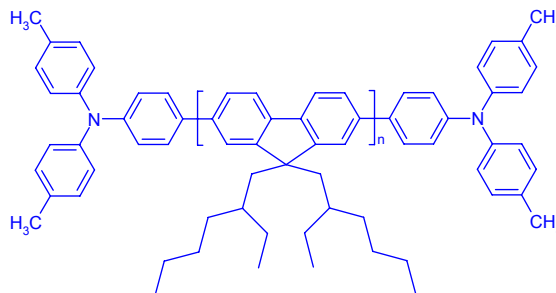
DESCRIPTION

ADS331BE is Poly[9,9-di-(2-ethylhexyl)-fluorenyl-2,7-diyl] end capped with N,N-Bis(4-methylphenyl)-4-aniline. ADS331BE is highly soluble in toluene and tetrahydrofuran. ADS331BE can be used for fabrication of light emitting displays, biosensors, as well as many other applications.

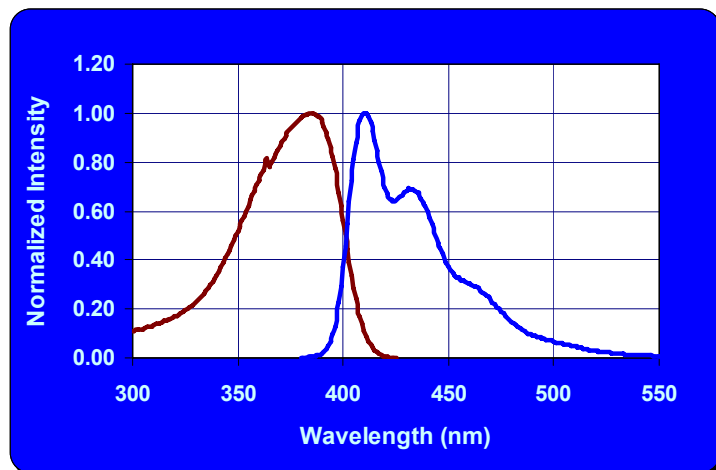
TECHNICAL DATA

- ❑ 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 ADS331BE film in THF solution.

CONTACT INFORMATION

American Dye Source, Inc.
 555 Morgan Boulevard
 Baie d'Urfe, Quebec, Canada H9X 3T6
 Tel. 514 457-0070
 Fax 514 457-0071
 Website: www.adsdyes.com
 E-mail: info@adsdyes.com

DISCLAIMER

The information in this bulletin is believed to be accurate, but all recommendations are made without warranty since the conditions of use are beyond the control of American Dye Source, Inc. The listed properties are illustrative only, and not product specifications. American Dye Source, Inc. disclaims any liability in connection with the use of the information, and does not warrant against infringement by reason of the use of its products in combination with other material or in any process.