

## LIGHT EMITTING HOMOPOLYMER FOR OLED & PLED DEVICES

### ADS160BE

#### 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.

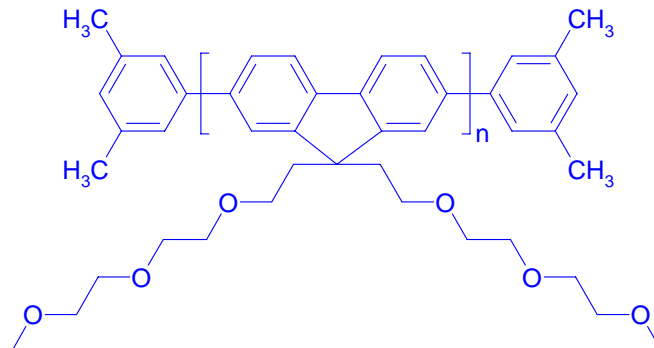
#### DESCRIPTION

**ADS160BE** is Poly(9,9-di{2-[2-(2-methoxyethoxy)ethoxy]ethyl}fluorenyl-2,7-diyl) end-capped with DMP. ADS160BE is soluble in DMF, THF, and other solvents. ADS160BE can be used in a variety of applications, from OLED devices, security devices, and others.

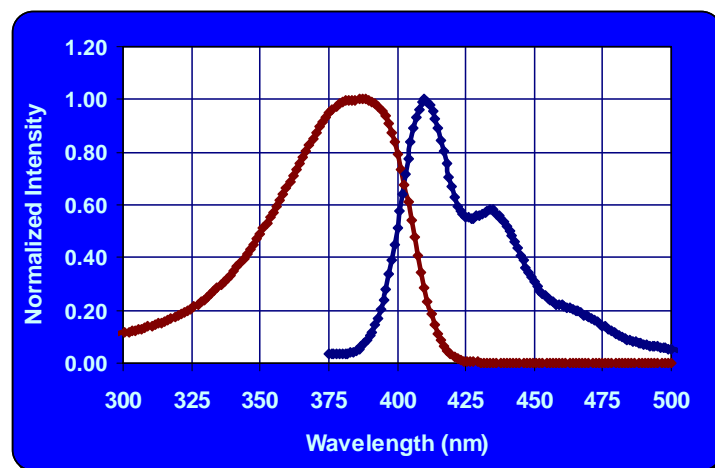
#### TECHNICAL DATA

- ❑ Appearance: Light yellow powder
- ❑ Molecular weight: > 35,000
- ❑ Decomposition Temp.: > 350 °C
- ❑ Absorption maximum: 388 nm
- ❑ Photoluminescent maximum: 410 nm
- ❑ Storage: under Argon atmosphere

#### STRUCTURE



#### SPECTRA



Absorption and emission spectra of ADS160BE in DMF

#### CONTACT INFORMATION

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