



FLUORENE COPOLYMER ADS136BE

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.

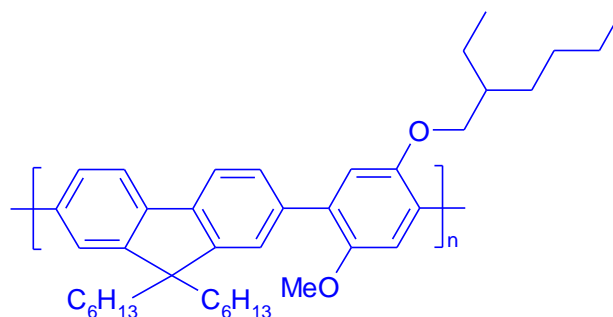
DESCRIPTION

ADS136BE is Poly[(9,9-dihexylfluorenyl-2,7-diyl)-alt-co-(2-methoxy-5-{2-ethylhexyloxy}-1,4-phenylene)]. ADS136BE is highly soluble in toluene and tetrahydrofuran. ADS136BE can be used for fabrication of light emitting displays, organic solar cells and biosensors.

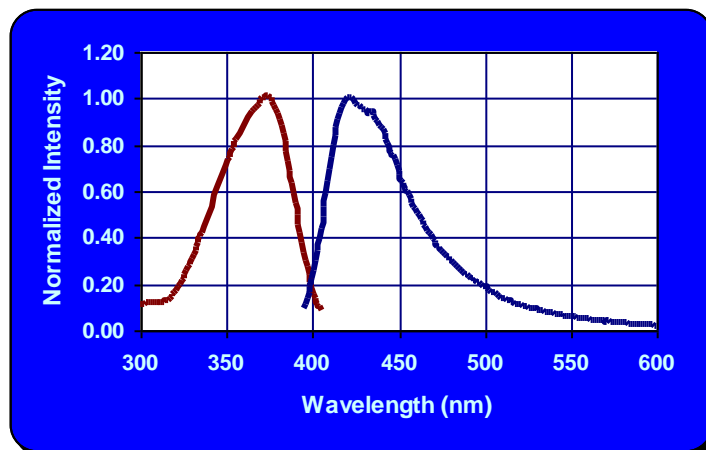
TECHNICAL DATA

- ❑ Appearance: Light yellow powder
- ❑ Molecular weights: 10,000 – 40,000
- ❑ Absorption maximum: 374 nm
- ❑ Photoluminescent maximum: 424 nm
- ❑ Storage: under Nitrogen atmosphere

STRUCTURE



SPECTRA



Absorption and emission spectra of ADS136BE film on ITO glass.

CONTACT INFORMATION

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