



FLUORENE COPOLYMER ADS133YE

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

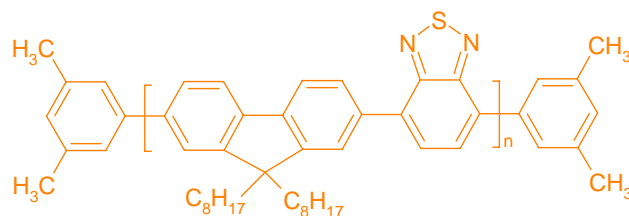
ADS133YE is Poly[9,9-dioctylfluorenyl-2,7-diyl-co-1,4-benzo-{2,1'-3}-thiadiazole].

ADS133YE is highly soluble in toluene and tetrahydrofuran. ADS133YE can be used for fabrication of light emitting displays, organic solar cells and biosensors.

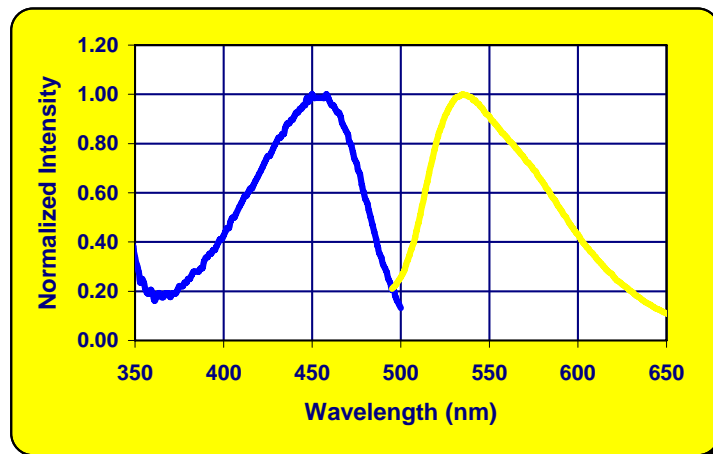
TECHNICAL DATA

- Appearance: Yellow powder
- Molecular weights: 10,000 – 30,000
- Absorption maximum: 450 nm
- Photoluminescent maximum: 535 nm
- Storage: under Nitrogen atmosphere

STRUCTURE



SPECTRA



Absorption and emission spectra of ADS133YE film on ITO glass.

CONTACT INFORMATION

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