



HOLE TRANSPORT POLYMER ADS250BE

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.

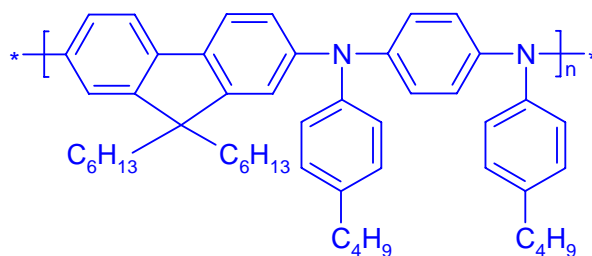
DESCRIPTION

ADS250BE is Poly[(9,9-dihexylfluorenyl-2,7-diyl)-co-(N,N'bis{p-butylphenyl}-1,4-diaminophenylene)]. ADS250BE is highly soluble in toluene and tetrahydrofuran. ADS250BE can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

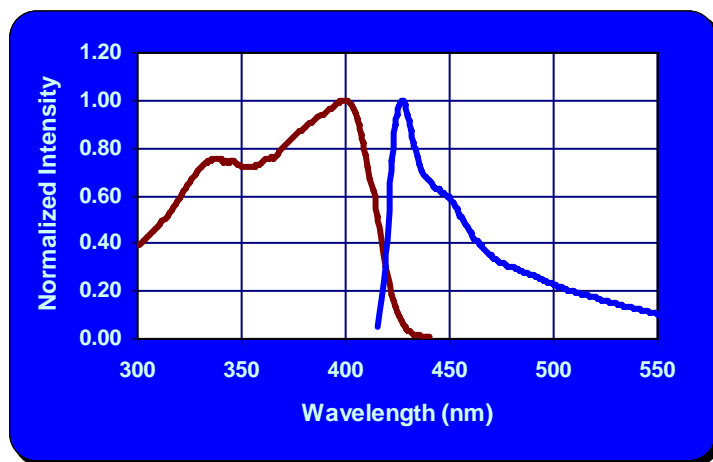
TECHNICAL DATA

- ❑ Appearance: Light Yellow Powder
- ❑ Molecular Weight: 20,000 – 40,000
- ❑ Decomposition Temperature: > 200 °C
- ❑ Absorption maximum: 400 nm
- ❑ Photoluminescent maximum: 427 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS250BE film on ITO glass

CONTACT INFORMATION

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