



HOLE TRANSPORT POLYMER ADS254BE

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.

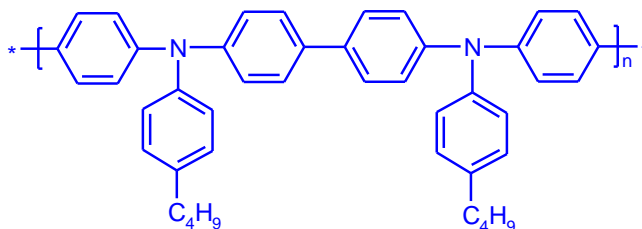
DESCRIPTION

ADS254BE is Poly(N,N'-bis(4-butylphenyl)-N,N'-bis(phenyl)benzidine. ADS254BE is soluble in chloroform. It is also soluble in hot toluene and hot THF. ADS254BE can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

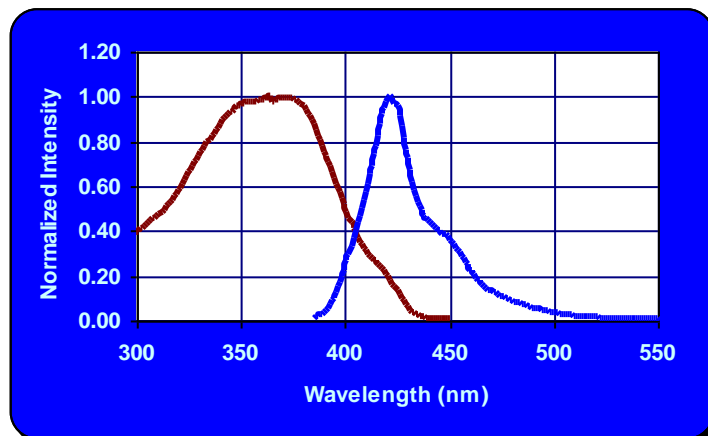
TECHNICAL DATA

- ❑ Appearance: Light Yellow Powder
- ❑ Molecular Weight: 10,000 – 70,000
- ❑ Melting Point: 172 – 173 °C
- ❑ Absorption maximum: 364 nm
- ❑ Photoluminescent maximum: 422 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and photoluminescent spectra of ADS254BE in THF solution

CONTACT INFORMATION

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