



LIGHT EMITTING HOMOPOLYMER FOR OLED & PLED DEVICES

ADS120BE

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.

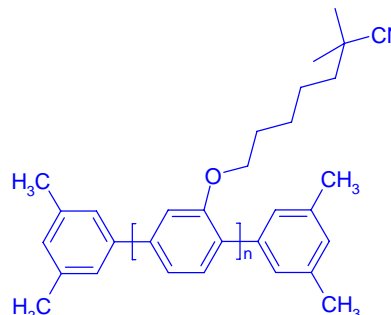
DESCRIPTION

ADS120BE is Poly[2-(6-cyano-6-methylheptyloxy)-1,4-phenylene]. ADS120BE is soluble in toluene, tetrahydrofuran, and chlorobenzene. ADS120BE can be used for fabrication of light emitting displays, bio-sensors, and more.

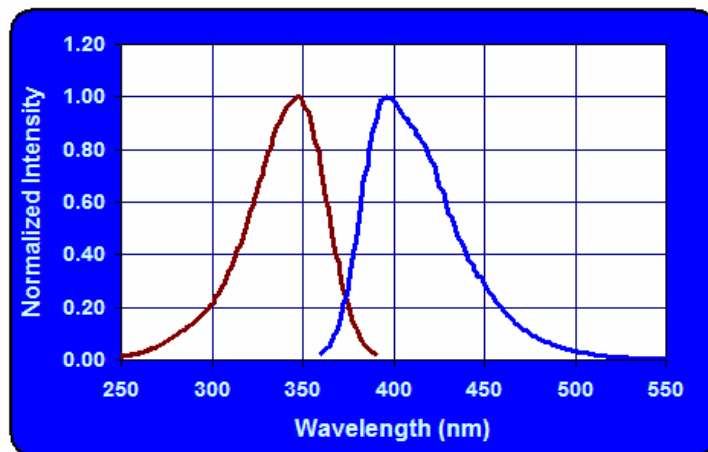
TECHNICAL DATA

- ❑ Appearance: Yellow fiber or flake
- ❑ Molecular Weight: 20,000 – 40,000
- ❑ Absorption maximum: 348 nm
- ❑ Photoluminescent maximum: 396 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and emission spectra of ADS120BE film in THF solution.

CONTACT INFORMATION

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