



LIGHT EMITTING HOMOPOLYMER FOR OLED & PLED DEVICES

ADS200RE

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.

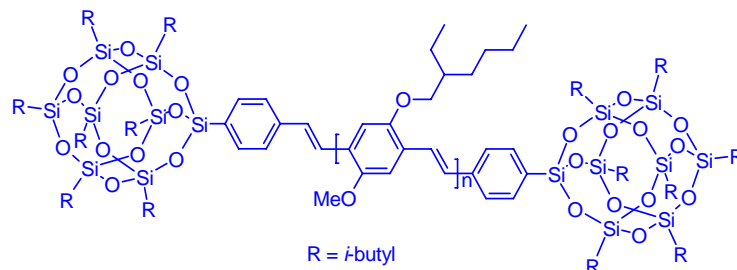
DESCRIPTION

ADS200RE is Poly[2-methoxy-5-(2-ethyl-hexyloxy)-1,4-phenylenevinylene] end capped with POSS. It is also called **MEH-PPV**. ADS200RE is highly soluble in toluene, chlorobenzene, tetrahydrofuran, and chloroform. ADS200RE can be used for fabrication of light emitting displays, organic solar cells and biosensors.

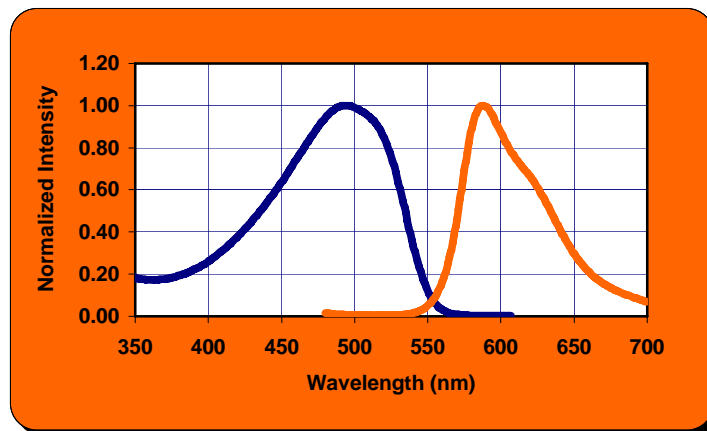
TECHNICAL DATA

- ❑ Appearance: Orange fiber or flake
- ❑ Molecular weights:
 - Low: 50,000 - 500,000
 - High: > 500,000
- ❑ Absorption maximum: 490 nm
- ❑ Photoluminescent maximum: 585 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and emission spectra of ADS200RE film on ITO glass.

CONTACT INFORMATION

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