



FLUORENE COPOLYMER ADS106RE

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

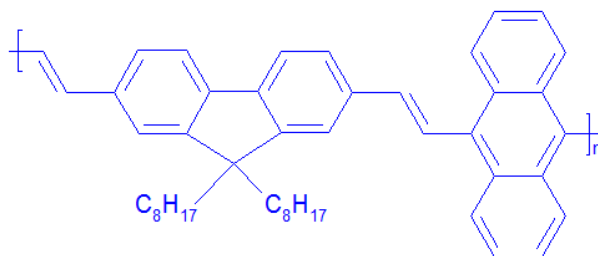
ADS106RE is Poly[(9,9-dioctyl-2,7-divinylene fluorenylene)-alt-co-(9,10-anthracene)].

ADS106RE is highly soluble in toluene and tetrahydrofuran. ADS106RE can be used for fabrication of light emitting displays, bio-sensors, as well as many other applications.

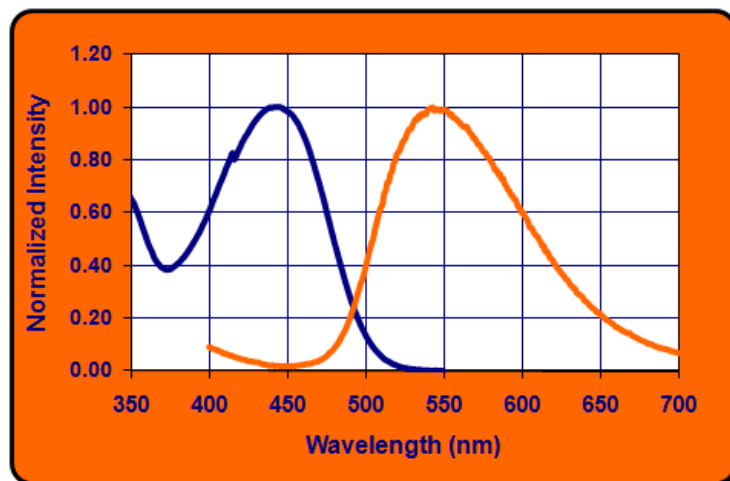
TECHNICAL DATA

- ❑ Appearance: Orange Fibers
- ❑ Molecular Weight: 10,000 – 300,000
- ❑ Decomposition Temperature: > 200 °C
- ❑ Absorption maximum: 445 nm
- ❑ Photoluminescent maximum: 543 nm
- ❑ Storage: under Argon atmosphere

STRUCTURE



SPECTRA



Absorption and emission spectra of ADS106RE in THF solution.

CONTACT INFORMATION

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