



WATER SOLUBLE POLYANILINE FOR ELECTRONIC APPLICATIONS ADS650WP

INTRODUCTION

American Dye Source, Inc. offers from gram to kilogram quantity conjugated polymers, which are derived from aniline, benzothiazole, carbazole fluorene, phenylene, phenylene-vinylene and thiophene. We supply these products in solid forms or in solutions.

DESCRIPTION

ADS650WP is a sulfonated polyaniline. This polymer is highly soluble in water and dipolar solvents. ADS650WP can be for fabrication of electronic devices using inkjet-printing, spin coating and web-coating techniques.

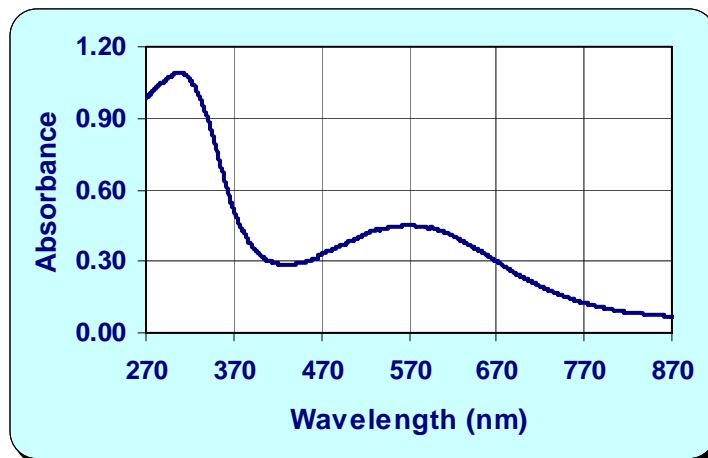
TECHNICAL DATA

- Appearance: dark green powder
- Molecular weights: 10 K – 20 K
- S/N: 0.5 – 0.7
- Conductivity: 0.2 – 0.5 S/cm²
- Melting Temperature: 220 °C (dec.)
- Absorption maximum: 308 and 566 nm
- Shelf life: 12 months

STRUCTURE



SPECTRA



Absorption spectrum of ADS650WP in 0.1M NH₄OH aqueous solution

CONTACT INFORMATION

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