

Article

Mechanistic Study on Gold-Like Luster Development of Solution-Cast Oligo(3-methoxythiophene) Film

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Specular Reflection Spectrum of the O3MeOT Film

The specular reflection spectrum of the O3MeOT film is shown in Figure S1. The reflection spectrum was obtained using a spectrometer (MSV-379, Jasco, Oklahoma City, OK, USA) with incident and reflection angles of 23° from normal. The spectrum was recorded at 23°C using a vacuum-evaporated aluminum film as the reference material. The film strongly reflected yellow light (570–590 nm), orange light (590–620 nm), and red light (620–750 nm), yet only slightly reflected green light (495–570 nm). These reflective characteristics are similar to those of the evaporated metallic gold film, justifying the gold-like appearances of the O3MeOT film.

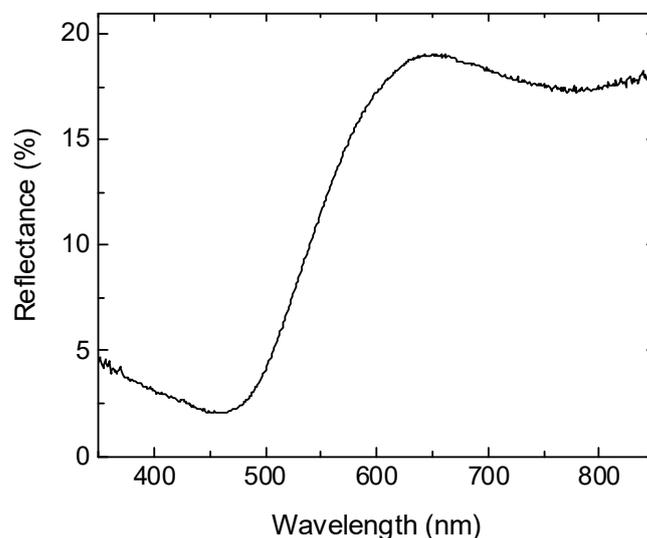


Figure S1. Specular reflection spectrum of the O3MeOT film coated on a glass plate.

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