



軟性彩色濾光片材料

Flexible Color Filter Material

簡介 Introduction

本軟性彩色濾光片材料，主要應用領域包括：軟性 OLED 顯示器、軟性 LCD 顯示器以及各類需要低溫製程等利基型顯示器產品。

The major goal of our technology is developing flexible color filter material, which could have various application including flexible OLED display, flexible LCD display and some niche display product that need specific low-temperature manufacturing process.

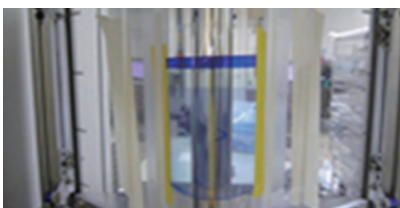
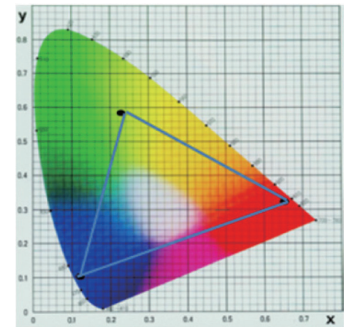
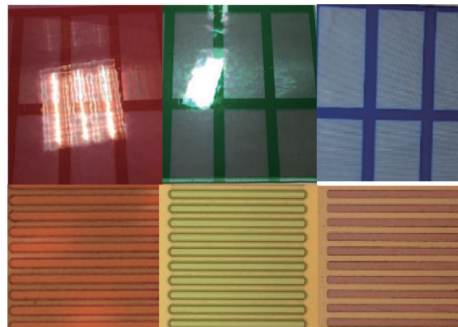
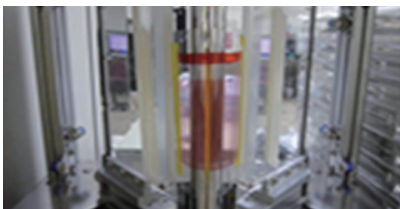
特色 Features

工研院材化所開發之軟性彩色濾光片光阻材料可塗佈於一般軟性基材 (PET、PI、TAC)，具備低溫、低曝光量製程達到高交聯密度的特性；同時具有高耐化、低釋氣、高可撓、高色彩飽合度與高解析度等性質。

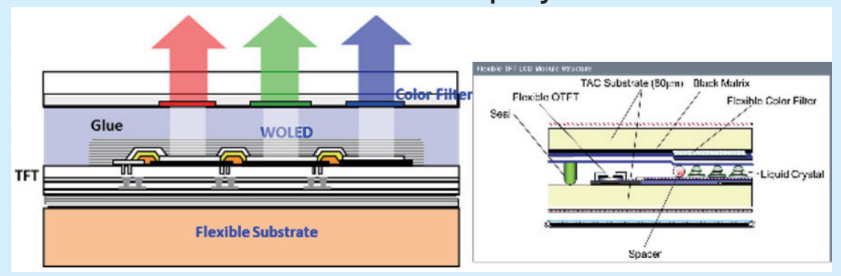
This topnotch flexible color filter material developed in ITRI/MCL is capable of coating on various commercial flexible substrates (PET, PI, TAC). Meanwhile, through low-temperature and low dose of exposure energy process, it can achieve high density cross-linking characteristic. Furthermore, the flexible color filter material is able to realize specific features including high chemical resistance, low-outgassing, foldable properties, high color gamut and high resolution.

應用 Applications

Flexible Color Filter Material



Flexible Display



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