Lumtec Luminescence Technology Corp.

Highly Efficient Inverted Polymer Solar Cells Based on a Crosslinkable Water/Alcohol-Soluble Conjugated Polymer Interlayer

## **Product Specifications**



## Features

- The amino groups among PFN-OX endow it with good electron injection ability and the conjugated main chain endows it with good electron transporting ability.
- The cross-linkable nature of PFN-OX is good for fabricating inverted polymer solar cells (PSCs) with well-defined interface.
- Inverted PSCs with a power conversion efficiency of 9.28% and fill factor high up to 74.4%.

## Device Application

## The Best Device :

ITO/ZnO/PFN-OX(5 nm)/PTB7:PC<sub>71</sub>BM(1:1.5, w/w, 110 nm)/MoO<sub>3</sub>(10 nm)/Al(100 nm) Related products from Lumtec :

