

Gwent Electronic Materials Ltd. Monmouth House, Mamhilad Park Pontypool, Torfaen, NP4 0HZ. United Kingdom +44 1495 750505 GBPP-Sales@sunchemical.com

# PRODUCT INFORMATION SHEET

# F2071018D1 Transparent ITO Coated Film

#### PRODUCT DESCRIPTION

This polyester film is produced by vacuum sputter deposition of indium tin oxide (ITO), this process provides excellent adhesion and uniform coating.

#### **Product Benefits**

Used components of touch screens and other position sensors, and electroluminescent (EL) lamps.

## **PROCESSING**

# **Storage**

Vacuum deposited ITO coatings are very thin, and are easily scratched or cracked if handled improperly.

When using the film care should be taken not to bend or crease. It is important never to allow the ITO coated side to come into contact with a surface.

Sliding the ITO coating over a surface will scratch the coating, resulting in elevated surface resistance and visible defects. ITO should be stored away from direct sunlight.

We can offer A4 sheets of this material to be used along side our Electroluminescent Kit. Our standard kit includes the Phosphor, Silver, Dielectric, Carbon and Insulation Ink.

Please contact GBPP-Sales@sunchemical.com for price and more information.

### **PHYSICAL PROPERTIES**

Visible Light Transmission	88%
Surface resistance	80 ohms/sq
Shrinkage Value - 150°C/ 30mins	Heat stabilised 0.2%
Haze	0.9%
Polyester Thickness	175 microns

Note: Transmission & Resistance values depend on the base film used. These are typical figures not intended to be used as specifications.

Issued by Gwent Group Nov 2018

Our Products are intended for sale to professional users. The information herein is general information designed to assist customers in determining the suitability of our products for their applications. All recommendations are made without guarantee, since the application and conditions of use are beyond our control. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. There is no implied warranty of merchantability or fitness for purpose of the product or products described herein. In no event shall Sun Chemical be liable for damages of any nature arising out of the use or reliance upon this information. Modifications of the product for reasons of improvements might be made without further notice.

