12th Advanced Display of the Year 2007

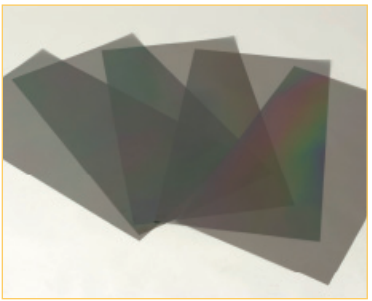
Display Components and Materials Category — Award for Excellence

New NIBCOM® Polarizing Film with Birefringence Compensation Film for LCD TVs

Date of Award April 11, 2007

Recipients Nitto Denko Corporation

Outline of Award FINETECH JAPAN is the largest flat panel display R&D and manufacturing technology expo and conference in the world where the most outstanding products relating to flat panel displays are selected and awards presented to outstanding manufacturers of panels, equipment and parts.



Reasons for Award

Nitto Denko was presented with this award for making a major contribution to the popularization of large LCD TVs through development and commercialization of technology for manufacturing polarizing film with an optical compensation film.

Features of Award-winning Product

With the upsurge in demand for LCD TVs and increases in screen size come demands for the development of optical films that can improve picture quality. NIBCOM® polarizing film with birefringence compensation film utilizes Nitto Denko's precision coating technology and is the world's first VA (vertically aligned) mode coating-type compensation film. This new cutting edge compensation film, which uses the company's proprietary technology to control the refraction rate in the direction of the thickness of the film to achieve IPS (In-Plane Switching), makes a major contribution to improving the picture quality of LCD TVs.

1 Improved Contrast Ratio

This technology realizes high contrast ratio (black/white definition) and dramatically improves display visibility.

2 Wider Viewing Angle

A wider viewing angle is another benefit of this technology, which suppresses color shift. This allows LCD TVs to be viewed not only from the front, but also at an angle with the same picture quality, enabling more people to be able to properly view the screen at one time.

3 Enhanced Surface Hardness

Nitto Denko's proprietary surface treatment technology realizes increased surface hardness (pencil hardness) from the usual 2~3H to 4~5H, thus reducing the danger of the screen being damaged in day-to-day use.

As a top manufacturer of optical films, such as polarizing films for use in various kinds of LCDs, and in the midst of increasing demand for large LCD TVs, the company is dedicated to increasing R&D efforts and developing products that can contribute to further improvements in LCDs.

LCD TVs using NIBCOM®