Advanced performance of double-sided double-glass components

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This paper introduces a novel molding process known as the double-sided in-mold decoration combined with fiber-reinforced microcellular injection molding (DS-IMD/FR-MIM) ...

Diffractive optical elements (DOEs) are optical components that deflect light into multiple orders at precise angles. Periodicity and their spatial frequencies, rather than the surface topography ...

Based on the designed film HMH with reference wavelength 400 nm, the BR film was deposited on double sides of a glass bowl simultaneously. The coated glass bowl reflects blue light and...

The double-sided polisher is optimized for optical windows and other components requiring superior transmitted wavefront error, parallelism, ...

Here, we propose a dual-sided radiative cooling glass (DSRCG), featuring directional emission on the outward side and low emission on the inward side, enhancing ...

The utilization of a double-sided microlens array (DSMLA) eliminates optical energy loss, eliminates assembly errors, simplifies the optical system"s structure, and enhances ...

Glass substrates offer significant advantages over current organic substrate, particularly in high-density, high-performance chip packaging for data-intensive a

The double-sided polisher is optimized for optical windows and other components requiring superior transmitted wavefront error, parallelism, and surface quality.

Utilizing the latest advances in lapping and polishing technology, our double-sided polishing processes have been specially developed to allow us to provide the best possible outcomes ...

In this investigation, we design a dual optical probe system to measure double-sided film structure similar to a pouch-type secondary battery cell.

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