

General Description

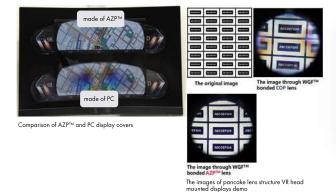
AZPTM is a new transparent polymer that overcomes the disadvantages of conventional plastic materials traditionally used in displays. Featuring a close-to-zero birefringence equivalent to glass, as well as a superior designability this materials allows high transmission rates and low-color distortion at all viewing angles. This premium quality appearance is also maintained when looking at the display through polarized sunglasses. Clear images without whitish or blurring can be achieved in polarized optical equipment such as AR/VR headsets and HUD.

Material Properties



Application Fields

- Lenses, prisms, waveguides, PBSs of VR/AR head mounted displays
- Automotive head-up displays (HUD), information displays



Benefit For The Customer

- With AZPTM, molding parts with extremely low birefringence
- can be obtained without requiring special molding methods, molding conditions, or post-molding processes.
- Having high resistance to light, AZP™ is expected to retain good optical characteristics even after prolonged exposure to sunlight or ultraviolet light.

