

## NEW POLYMER FILM SOLUTION FOR AUTO COVER LENS INTEGRATION WITH HIGH OPTICAL LEXAN™ AG FILM



The new polycarbonate (PC) based technology is an anti-glare (AG) coated co-extruded film and offers an excellent impact resistance performance for **Automotive Display Applications**, which provides superior pencil hardness, chemical and abrasion resistance, together with unique processing characteristics. **This highly durable sheeted film can help create new opportunities in the design of touch panels integrated and large format cover lens integration.**

### BENEFITS

- Anti-glare
- Excellent printability
- Light weight
- High impact strength
- Best in class cosmetic:
  - Low warpage
  - Low stress to reduce rainbow effect
- No strip issues through the polarizer
- Anti-shattering
- Abrasion- and chemical resistance

### POTENTIAL APPLICATIONS

- Automotive Center Stack Display (CSD)
- Instrument Cluster Display (ICD) cover lens
- Public Information Display cover lens





LEXAN™ AG Film is available in 1.0 mm thickness and comes with a masking and hard coating on both sides. The hard coating offers a good abrasion performance on the top surface (PMMA side) and better handling of hard coating on back side (PC side).

✓ HAZE

When light strikes the surface of a transparent material, the amount of light that is subject to “Wide Angle Scattering” (at an angle greater than 2.5° from normal).

✓ GLOSS

An optical property which indicates how well a surface reflects light in a specular (mirror-like) direction.

✓ ROUGHNESS

Surface roughness is a component of surface texture. It is quantified by the deviations in the direction of the normal vector of a real surface from its ideal form.

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