

ENHANCED UV PROTECTION: 2018 CHEVROLET ONIX BRAKE LIGHT LENSES

SOLUTION STORY: AUTOMOTIVE LIGHTING

HIGHLIGHTS

- Molded with LEXAN™ SLX2271T resin
- Industry-first red transparent center high mount signal lens
- Excellent UV property retention; eliminating UV hard coat secondary operations
- Meets exterior weathering requirements
- Maintains light transmission
- Long term color stability/clarity, retains high gloss over time

SHORT STORY

The incumbent solution was a polycarbonate material and a coating. Through the use of LEXAN SLX resin, a specialty copolymer material from SABIC, UV hard coat secondary operations were eliminated. The lenses are weatherable and directly recyclable. Coating elimination avoids VOC emissions and water use (cleaning the paint line), resulting in further environmental benefits. In addition to all these advantages, the solution enables cost savings per part and cost avoidance through the life of the program.

CONTACT US

Reach out to learn more about lighting solutions from SABIC. Email us at automotivesolutions@sabic.com.

