

Tailored for Metallization. Crafted with passion for design. For parts that turn heads. Why not?



## Makrofol® EP355

## True metal meets added functionality



Many modern vehicle interiors feature an intricate interplay of natural materials and high-end, accentuated decor. In the future, metal design elements may not only be prominent in the instrument panel but may also provide the wow in door panels, seat frames, vents, and trim.

Metallization, also known as electroplating, is a process of depositing thin layers of metal onto lightweight plastic parts. Our **Makrofol® EP355** PC-ABS film has been developed to enable true metal surfaces without compromising on additional functionality or integration possibilites. Together with our partner BIA, we keep exploring the benefits of our Makrofol® films and our Makrolon® polycarbonate (PC) resins in the function integration for metallized surfaces.

## Processing: from film to part



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## Benefits of Makrofol® EP355

- High transparency when back-molded with Makrolon<sup>®</sup> PC resin due to open patterned areas
- Colored design features even in "off" mode
- Once galvanized, typical metal "cool touch" and appearance
- Little yellowing over time reduces color drift in patterned areas
- Enables customized lighting effects
- A material-saving solution vs. full metal parts (1K vs. 3K technology)
- Partially metalized parts become possible
- Designed for circularity: Parts produced with Makrofol<sup>®</sup> EP355 can be recovered and fully recycled\*

\*e.g., BIA provides a closed loop recycling system



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