



Illuminated Frame for Middle Console with PVD

Automotive Industry



Requirements

- Metallic appearance with integrated illumination
- Decorative frame for middle console
 - o Abrasion resistant
 - o Resistant to cleaning agents
 - o Good adhesion of complete system
 - o Climatic cycling
- High-end appearance
- Temperature range from -40 to +85°C
- Good stability over large dimension

Implementation

- Specialist plastic for optimal light transmission
- Special tool construction to reduce distortion of part
- Integrated light shielding
- Metallic nano-coating by means of PVD
- Opening of illuminated area by means of laser etching
- Development of new lacquer systems
- Fully automatic applications of lacquer layers via highly accurate dosing system
- Innovative jigs and machine concept to realize economic production
- Exact and reproducible process steps



Company details

- Long standing applications & process knowledge
- On-site application assistance
- Fast sample & production delivery
- Short optimisation loops
- Customer oriented logistics, local & worldwide storage, consignment stock
- TS16949, ISO 14001

Silicone Coatings & Systems