



Metallic Steering wheel emblem in PVD

Automotive industry



Requirements

- No negative impact due to airbag explosion allowed
- Emblem for airbag cover
 - o Abrasion resistant
 - o Resistant to cleaning agents
 - o Good adhesion of complete system
 - o Climatic cycles
- Metallic surface to match colour 3Q7
- Meet high quality standards
- Temperature range from -40 to +85°C
- Ultrasonic weldable
- Tests according to TL226

Implementation

- Specific plastic material
- Metallic nano coating with PVD, therefore no shattering and sharp edges thru airbag explosion
- Development of new lacquer systems
- Fully automatic applications of lacquer layers via highly specialized dosing units
- 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
- Short optimisation loops
- Customer driven Logistics, local & worldwide storage, consignment stock
- TS16949, ISO14001