

Automotive: glass coating on stainless steel



Transparent or pigmented glass coating on stainless steel exhaust parts

Principle

Spray coating, thermal densification at 400 – 600°C, patent protected technology

Application

Decorative exhaust parts for cars and motor bikes.

Properties

- High scratch hardness and abrasion resistance (IEC test < 150 µm, 500 cycles Scotch Britt sponge without any scratch)
- High temperature tarnish protection (>1000 h at 400 °C)
- Stable against salt (SS test 200 h)
- Anti stick effect against deposits from exhaust gas
- Protection against acid attack
- Incorporation of inorganic pigments and colouring are possible

Benefits

- Reduction of cleaning effort
- Low coating thickness (4 – 8 µm), small material consumption
- Depression of tarnishing colours.

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