



Trim, design and decorative parts:
R&D and industrial players, how
about validating your products?

Trim and decorative products: SGS testing laboratories provide multidisciplinary and complete range of services

- You are:
- A plastic part manufacturer?
 - A Tier 1?
 - Paint and coating applicator?
 - A designer?
 - A project or lab manager?

WE VALIDATE

- Interior parts
 - Trims: dashboard, seat...
 - Functional sytems: light...
 - Perceived quality of decorative parts
 - Body and structural components
 - Fender
 - Bumpers
 - Glass
 - Wheel rims
- Engine compartment
 - Resistance of labels
 - Writings...

“What triggers the act of purchase today? Automakers, for example, take into consideration the essential role of perceived quality and design but also consider the resistance accelerated aging.”

SYLVIE TEISSANDIER
KEY ACCOUNT AND INNOVATION MANAGER

OUR QUALITY APPROACH:

- 1 Internal audit: more than 30 audits per year
- 2 Cross-tests with external organisms
- 3 Audit and cross testing with French and international OEMs
- 4 ISO 17025 and NADCAP accreditations

- Harmony and colour of the parts assemblages
- Perceived quality and durabiity
- Autonomous vehicle: new interior designs

Our testing fields cover components dedicated to interior and exterior uses.

OUR FIELDS SERVICES :

As your products will be subjected to severe environmental conditions and aging, we can support you with various testing techniques and technologies to predict trims and decorations behavior through time.

ODOR CHARACTERIZATION

- Intensity of smell
- Fragrant identification

EMISSIONS ANALYSIS

- VOC (Volatile Organic Compounds)
- Formaldehyde

INTERIOR EMISSIONS

- Micro-chambers
- 1m³ chambers
- Big bag

CONDENSATES ANALYSIS

- Fogging
- Phtalates

FIRE TEST

- Horizontal Flammability
- Vertical flammability
- Glow wire

MATERIALS CHARACTERISTICS

- REACH
- ROHS
- ICP
- Bisphénol, thioetain

UV PHOTOAGING

- Xenon and carbone arc light sources
- With/without aspersion
- Interior and exterior conditions
- CI3000, WOM, QUV, QSUN

CLIMATIC AGING

- Equipment range from 1 up to 83 m³
- Heat/Cold/Humidity / cycling
- Standard or fast temperature change
- Thermal schock

CORROSION AGEING

- Neutral salt spray
- Corrosion cycling
- Gas corrosion
- Condensation

TESTING - DYNAMICS

- Armrest force test
- Handle/grip test

INSOLATION

- Infra-red or halogenes lamps

COATING PERFORMANCE

- Adhesion
- Chipping
- Gravel test
- Carbrush simulation

APPEARANCE TESTING

- Scratching
- Rubbing
- Wear
- Impact

MECHANICAL TESTING

- Deformation, creep
- Tensile, flexural

APPEARANCE AND HARMONY

- Color
- Gloss
- Contrast

As part of major strategic issues, we offer personalized monitoring of your projects including live videoconferences from the laboratory, technical follow-up calls, and daily or weekly reporting.

Let us know what you need, and we'll build this tailor-made offer together.

CONTACT US

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WHEN YOU NEED TO BE SURE

