AUTOMOTIVE TESTHOUSE

MECHANICAL TESTS
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The mechanical impact on a material has significant influence on its stability. In a mechanical test, the properties of foams, elastomers, thermoplastics and fibre composites are tested. Here, tests can be conducted in different climates and temperature ranges from -40 to 180°C.

THE FOLLOWING IS AN EXTRACT FROM OUR RANGE OF SERVICES FOR THIS TEST SPECTRUM

TENSILE AND TEAR STRENGTH TEST
- DIN 53504
- ISO 34-1
- VDA 675 205, VDA 672 254
- DIN EN ISO 527-1 to -5
- DIN EN ISO 1798

BENDING TEST
- DIN EN ISO 178
- DIN EN ISO 310
- DIN EN ISO 14125
- DIN 53435

TORSION TEST
- ISO 6721
- BMW TL 7 031 125.4

IMPACT TEST: CHARPY, IZOD, DYNSAT
- DIN EN ISO 179
- DIN EN ISO 180
- DIN 53435

SHORE-, MICRO- AND BALL INDENTATION HARDNESS TESTS
- DIN 53505
- VDA 675 202
- DIN EN ISO 2039

COMPRESSION TEST
- VDA 675 219
- DIN EN ISO 1856
- DIN EN ISO 3386

AND MANY MORE

SGS IS THE WORLD’S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY. SGS IS RECOGNISED AS THE GLOBAL BENCHMARK FOR QUALITY AND INTEGRITY. WITH MORE THAN 67,000 EMPLOYEES, SGS OPERATES A NETWORK OF OVER 1,250 OFFICES AND LABORATORIES AROUND THE WORLD.