

Annex to the accreditation certificate D-PL-14280-01-00

Chemical testing

Individual test methods for Gravimetry

| Standard / Publication date In-house method/Version | Analyte - Title of standard | Test item |
|--|---|-----------|
| DIN EN ISO 1172 Standard A 1998-12 | Textile-glass-reinforced plastics - Prepregs, moulding compounds and laminates - Determination of the textile-glass and mineral-filler content; calcination methods (ISO 1172:1996) | Plastics |

Applications and materials testing

**Physical/mechanical properties in air
individual test methods for tensile testing:**

| Standard / Publication date In-house method/Version | Analyte - Title of standard | Test item |
|--|---|-----------|
| DIN EN ISO 527-2 1996-07 | Plastics - Determination of tensile properties - Part 2: Test conditions for moulding and extrusion plastics (ISO 527-2:1993, including Corr. 1:1994) | Plastics |

Individual test methods for deformation behaviour and failure limits:

| Standard / Publication date In-house method/Version | Analyte - Title of standard | Test item |
|--|--|-----------|
| DIN EN ISO 179-1 2006-05 | Plastics - Determination of Charpy impact properties - Part 1: Non-instrumented impact test (ISO 179-1:2010) | Plastics |

Rheology

Individual test methods for flow properties:

| Standard / Publication date In-house method/Version | Analyte - Title of standard | Test item |
|--|---|-----------|
| DIN EN ISO 1133 2005-09 | Plastics - Determination of the melt mass-flow rate (MFR) and the melt volume-flow rate (MVR) of thermoplastics (ISO 1133:2005) | Plastics |

Individual test methods for Thermoanalyse:

| Standard / Publication date In-house method/Version | Analyte - Title of standard | Test item |
|--|---|-----------|
| DIN EN ISO 11357-1 1997-11 | Plastics - Differential scanning calorimetry (DSC) - Part 1: General principles (DIN EN ISO 11357-1) | Plastics |
| DIN EN ISO 11358-1 1997-04 | Plastics - Thermogravimetry (TG) of polymers - General principles | Plastics |

For testing specimens

Plastics of any kind in the following states of matter

1. Solid as powder, flake, gravel or granules, pharmaceuticals (solid as powder)
2. liquid

Elastomers

3. Compounds in the form of sections
4. as raw elastomers (as pieces out of balls, flakes, gravels or powder)
5. Colours, pigments (liquid)

abbreviations used:

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| DIN | German Institute of Standard |
| EN | European Standard |
| ISO | International Standards Organization |