# Basaltzwirn 100x1x2tex

Artikel-Nr. 014.0200.11.30

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Think quality

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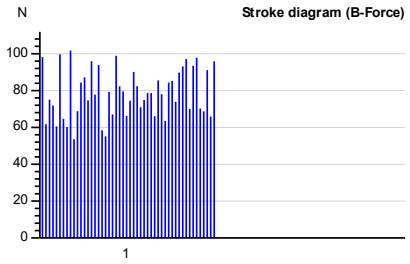
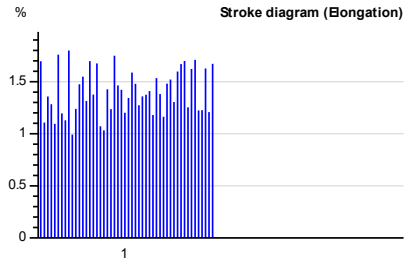
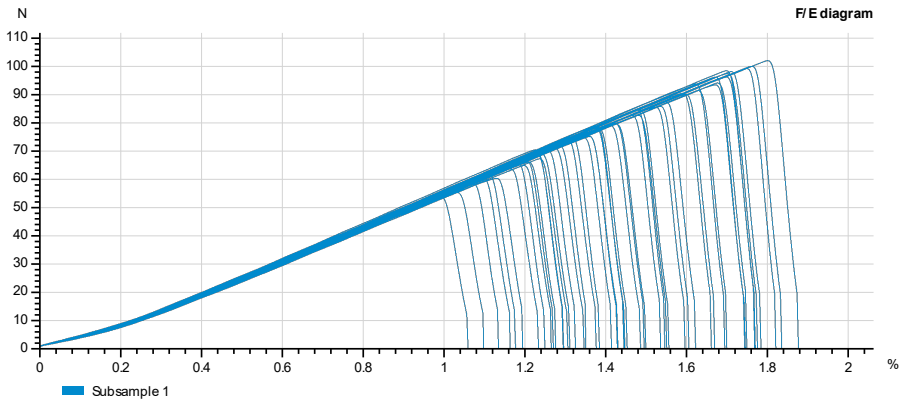
**3/4/2021 6:34 AM** **USTER Quality report** **Page 1/1**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| USTER® UTR 5 | **20.8.4.6f19301** | Process step | **OF** | Tests | **1 / 50** | Temperature | **20.8 °C** |
| Operator | **Mächler I.** | Clamp type | **Special** | Test speed | **500 mm/min** | Rel. humidity | **64.6 %** |
| Test ID | **46105** | Clamp position | **-** | Test length | **500 mm** | Blow jets | **Off** |
| Test mode | **Simple tensile** | Clamp pressure | **50 % (0.5 MPa)** | Pretensional force | **100.00 cN** | Finger tensioner | **Automatic control** |
| Product | **Basalt Fibertec** | Nominal count | **200.000 tex** | No. of filaments | **1** | Raw material | **Other** |
| Lot ID | **6597** | Nominal twist | **-** | Fineness/filament | **2,000.00 dtex** | Reflection | **Not specified** |
| Machine | **Not specified** | Processing | **Not specified** | Material class | **Multifilament** | Shape | **Not specified** |
| Mill unit | **Not specified** | Application | **Not specified** | Comment | **Trial 6597 / Basalt Fibertec GmbH** | | |
| Customer Field 1 | **100x1x2tex** | Customer Field 2 | **S80, 11u** | Customer Field 3 | | | |

| Total (50) | Time to break s | B-Force N | Elongation % | Tenacity cN/tex | B-Work N.cm |
|---|---|---|---|---|---|
| Mean (t) | 1.17 | 78.73 | 1.40 | 39.36 | 27.14 |
| CV (t) | 18.11 | 16.74 | 15.49 | 16.74 | 32.27 |
| s (t) | 0.21 | 13.18 | 0.22 | 6.59 | 8.76 |
| Q95 (t) | 0.06 | 3.75 | 0.06 | 1.87 | 2.49 |
| Min (t) | 0.82 | 53.52 | 0.99 | 26.76 | 12.47 |
| Max (t) | 1.67 | 101.70 | 1.80 | 50.85 | 44.16 |