Basaltzwirn 132x1x4tex

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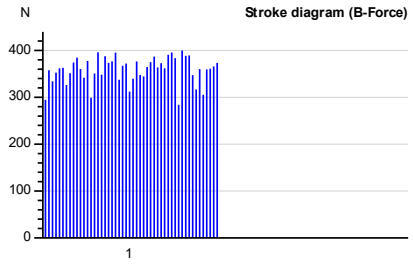
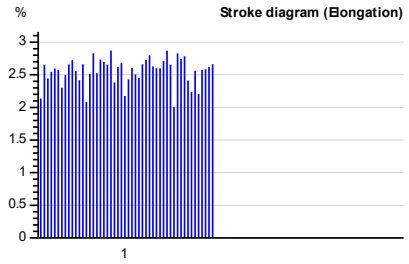
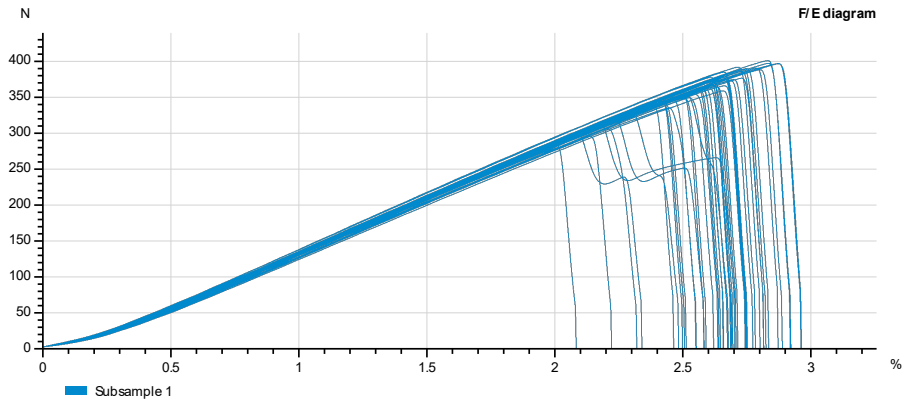
Think quality

Uster

3/4/2021 6:45 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	**64.3 %**
Test ID	**46106**	Clamp position	**-**	Test length	**500 mm**	Blow jets	**Off**
Test mode	**Simple tensile**	Clamp pressure	**50 % (0.5 MPa)**	Pretensional force	**264.00 cN**	Finger tensioner	**Automatic control**
Product	**Basalt Fibertec**	Nominal count	**528.000 tex**	No. of filaments	**1**	Raw material	**Other**
Lot ID	**6597**	Nominal twist	**-**	Fineness/filament	**5,280.00 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	**132x1x4tex**	Customer Field 2	**Z60, 13u**	Customer Field 3			

Total (50)	**Time to break** s	**B-Force** N	**Elongation** %	**Tenacity** cN/tex	**B-Work** N.cm
Mean (t)	1.72	358.93	2.56	67.98	225.81
CV (t)	7.41	7.72	7.89	7.72	15.83
s (t)	0.13	27.71	0.20	5.25	35.75
Q95 (t)	0.04	7.88	0.06	1.49	10.16
Min (t)	1.37	283.98	2.00	53.78	135.18
Max (t)	1.93	399.61	2.87	75.68	282.36