Basaltzwirn 33x3x3tex

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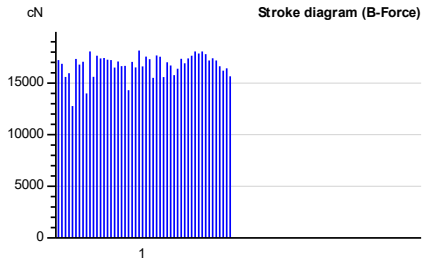
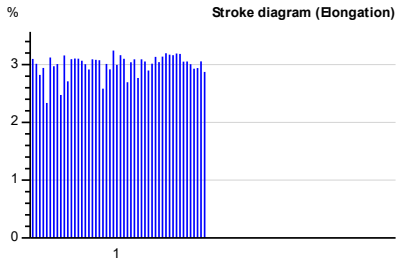
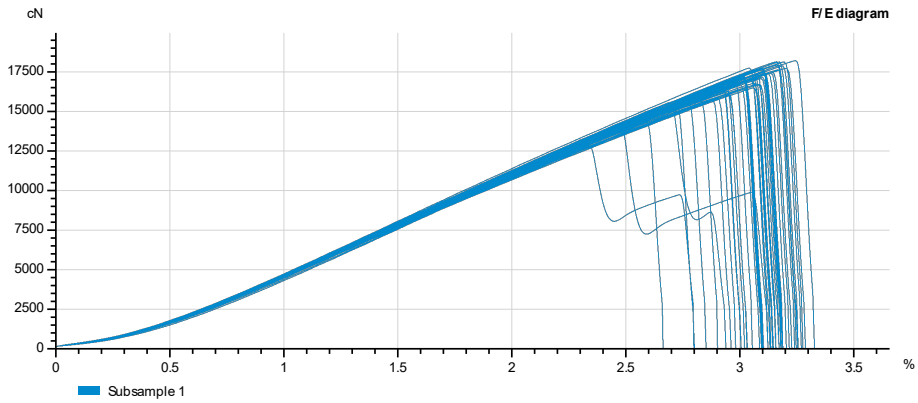
USTER®
Think quality

Uster

7/16/2020 8:10 AM **USTER Quality report** **Page 1/1**

USTER® UTR 5	**20.4.0.3b60691**	Process step	**POY**	Tests	**1 / 50**	Temperature	**20.8 °C**
Operator	**ODAM AN B.**	Clamp type	**Yarn**	Test speed	**500 mm/min**	Rel. humidity	**64.6 %**
Test ID	**45766**	Clamp position	**Horizontal**	Test length	**500 mm**	Blow jets	**On**
Test mode	**Simple tensile**	Clamp pressure	**20 % (0.2 MPa)**	Pretensional force	**148.50 cN**	Finger tensioner	**Automatic control**
Product	**Basalt**	Nominal count	**297.000 tex**	No. of filaments	**3**	Raw material	**Not specified**
Lot ID	**Not specified**	Nominal twist	**-**	Fineness/filament	**990.00 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 6522 / 33x3x3 tex,Z200 9u / Basalt Fibertec GmbH**		
Customer Field 1		Customer Field 2		Customer Field 3			

Total (50)	Time to break s	B-Force cN	Elongation %	Tenacity cN/tex	B-Work cN.cm
Mean (t)	2.25	16,774.53	3.00	56.48	11,911.50
CV (t)	12.15	6.36	6.10	6.36	12.41
s (t)	0.27	1,067.43	0.18	3.59	1,478.18
Q95 (t)	0.08	303.45	0.05	1.02	420.23
Min (t)	1.59	12,774.00	2.34	43.01	6,797.42
Max (t)	2.62	18,147.17	3.24	61.10	13,930.24