Basalt Twine 100x1x3tex

Item-No. 014.0300.11.20

USTER®
Think quality

Uster

2/27/2020 10:20 AM

USTER Quality report

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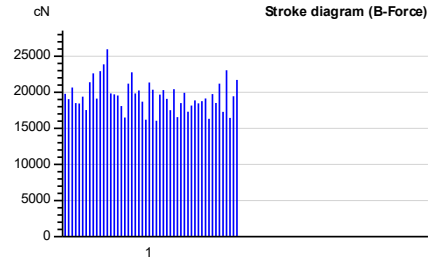
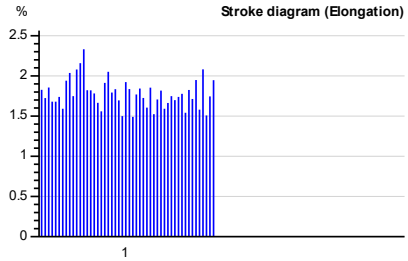
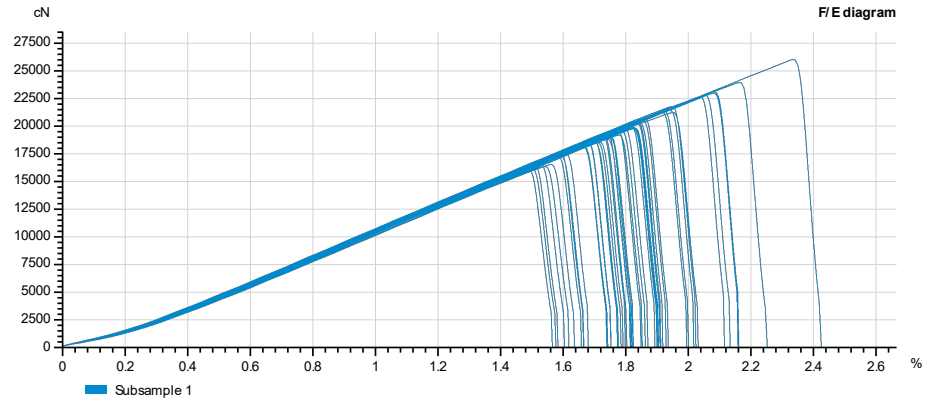
USTER® UTR 5	20.2.5.61f3034	Process step	OF	Tests	1 / 50	Temperature	20.7 °C
Operator	ODAMAN B.	Clamp type	Special	Test speed	500 mm/min	Rel. humidity	63.4 %
Test ID	45465	Clamp position	-	Test length	500 mm	Blow jets	Off
Test mode	Simple tensile	Clamp pressure	50 % (0.5 MPa)	Pretensional force	150.00 cN	Finger tensioner	Automatic control
Product	Basalt Fibertec	Nominal count	300.000 tex	No. of filaments	1	Raw material	Other
Lot ID	6477	Nominal twist	-	Fineness/filament	3,000.00 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 6477 / 100 x 1 x 3 tex,S100 11u /		Basalt Fibertec Gm...
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)	1.79	19,522.49	1.78	65.07	8,354.19
CV (t)	5.91	10.76	9.99	10.76	21.78
s (t)	0.11	2,101.49	0.18	7.00	1,819.64
Q95 (t)	0.03	597.42	0.05	1.99	517.30
Min (t)	1.61	16,060.10	1.49	53.53	5,556.28
Max (t)	2.11	25,951.28	2.33	86.50	14,506.32