

VIET HUNG TEXTILE Co.,LTD

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Test of Yarn Traction with MesdanLab Strength Tester

Customer Code VTEX Test Code NE 63/2,, Date 14/03/2023 Time 1:11:27 AM

Sample Description Sample Number 20
Parcel Lot SSP 01-21 Count 31 [Ne]
Material
Examiner PHAM TRONG
Sample Length 500 [mm] Load cell ID/FS [kg] 3 / 12 X 1
Clamp Speed 500 [mm/min] Pretension 10 [cN]
Test Machine MesdanTensolab CRE
Test Conditions 22C, 1 atm, 65% Rh
Observations NTCLKMHB

Statistical Results of the Test

	Force [cN]	Elongation [%]	Tenacity [cN/tex]	Average Time of Breakage 7.3 [s]
Maximum	750.209 (21)	13.020 (21)	39.381 (21)	
Minimum	620.761 (13)	11.580 (17)	32.586 (13)	
Average	668.176	12.219	35.075	
Range	19.373 [%]	11.785 [%]	19.373 [%]	
CV	5.305 [%]	3.335 [%]	5.305 [%]	
Deviation	35.445	0.408	1.861	
IC95%	15.534	0.179	0.815	
IC99%	20.415	0.235	1.072	

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
1	690	12.18	7.3	36.241
2	638	11.76	7.1	33.512
3	632	11.64	7.0	33.152
4	699	12.54	7.5	36.704
5	628	11.76	7.1	32.946
6	665	12.48	7.5	34.902
7	644	12.24	7.3	33.821
8	678	11.94	7.2	35.572
9	707	12.60	7.6	37.116
10	726	12.84	7.7	38.094
11	621	11.94	7.2	32.586
12	663	12.12	7.3	34.799
13	695	12.36	7.4	36.498
14	644	12.24	7.3	33.821
15	648	11.58	6.9	34.027
16	683	12.00	7.2	35.829
17	750	13.02	7.8	39.381
18	623	12.24	7.3	32.689
19	660	12.84	7.7	34.645
20	670	12.06	7.2	35.160