

**VIET HUNG TEXTILE Co.,LTD**

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**Test of Yarn Traction with MesdanLab Strength Tester**

Customer Code VTEX - GZT Test Code NE 63/3 Date 10/22/2021 Time 8:19:22 AM

Sample Description		Sample Number	20
Parcel	Lot	Count	21 [Ne]
Material	SSP 01-21		
Examiner	PHAM TRONG		
Sample Length	500 [mm]	Load cell ID/FS [kg]	3 / 12 X 1
Clamp Speed	500 [mm/min]	Pretension	14 [cN]
Test Machine	MesdanTensolab CRE		
Test Conditions	22C, 1 atm, 65% Rh		
Observations			

*Statistical Results of the Test*

	Force [cN]	Elongation [%]	Tenacity [cN/tex]	Average Time of Breakage [s]
Maximum	1085.596 (8)	13.260 (2)	38.604 (8)	7.4 [s]
Minimum	916.922 (14)	11.640 (17)	32.606 (14)	
Average	992.090	12.411	35.279	
Range	17.002 [%]	13.053 [%]	17.002 [%]	
CV	4.872 [%]	3.956 [%]	4.872 [%]	
Deviation	48.339	0.491	1.719	
IC95%	21.185	0.215	0.753	
IC99%	27.842	0.283	0.990	

*Results of Single Samples*

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
1	959	12.06	7.2	34.105
2	1039	13.26	8.0	36.930
3	1021	12.66	7.6	36.302
4	956	12.60	7.6	34.001
5	969	12.06	7.2	34.454
6	1058	12.36	7.4	37.627
7	1016	13.08	7.8	36.128
8	1086	12.84	7.7	38.604
9	1030	12.84	7.7	36.616
10	922	11.94	7.2	32.780
11	945	12.48	7.5	33.617
12	964	12.18	7.3	34.280
13	975	11.82	7.1	34.663
14	917	11.70	7.0	32.606
15	969	11.82	7.1	34.454
16	1040	12.60	7.6	37.000
17	931	11.64	7.0	33.094
18	1044	13.08	7.8	37.139
19	1001	12.78	7.7	35.605
20	1000	12.42	7.5	35.570