

**VIET HUNG TEXTILE Co.,LTD**

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

Customer Code VTEX Test Code NE 80/3 Date .12/20/2021 Time 3:58:56 PM

Sample Description		Sample Number	20
Parcel	Lot	Count	27 [Ne]
Material			
Examiner	PHAM TRONG		
Sample Length	500 [mm]	Load cell ID/FS [kg]	3 / 12 X 1
Clamp Speed	500 [mm/min]	Pretension	11 [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	7.8 [s]
Maximum	899.270 (11)	13.680 (11)	41.115 (11)		
Minimum	710.001 (15)	12.240 (5)	32.461 (15)		
Average	802.969	13.083	36.712		
Range	23.571 [%]	11.007 [%]	23.571 [%]		
CV	7.408 [%]	2.86 [%]	7.408 [%]		
Deviation	59.484	0.374	2.720		
IC95%	26.069	0.164	1.192		
IC99%	34.261	0.216	1.566		

*Results of Single Samples*

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
1	767	12.42	7.5	35.062
2	898	13.50	8.1	41.070
3	879	13.26	8.0	40.173
4	844	12.78	7.7	38.604
5	782	12.24	7.3	35.734
6	774	12.72	7.6	35.376
7	877	13.26	8.0	40.083
8	843	12.72	7.6	38.559
9	859	13.14	7.9	39.276
10	831	12.96	7.8	37.976
11	899	13.68	8.2	41.115
12	713	13.20	7.9	32.596
13	776	13.44	8.1	35.465
14	757	13.02	7.8	34.613
15	710	13.08	7.8	32.461
16	784	13.26	8.0	35.824
17	744	13.50	8.1	34.031
18	740	12.96	7.8	33.851
19	802	13.50	8.1	36.676
20	781	13.02	7.8	35.690