

**VIET HUNG TEXTILE Co.,LTD**

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

Customer Code	VTEX	Test Code	NE 63/3	Date	14/10/2022	Time 6:58:22 AM
Sample Description					Sample Number	20
Parcel		Lot	SSP 01-21		Count	21 [Ne]
Material						
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	25C, 1 atm, 60% Rh					
Observations						

*Statistical Results of the Test*

	Force [cN]	Elongation [%]	Tenacity [cN/dtex]	Average Time of Breakage	8.2 [s]
Maximum	1111.093 (3)	14.400 (3)	3.951 (3)		
Minimum	911.038 (21)	13.020 (4)	3.240 (21)		
Average	1014.890	13.659	3.609		
Range	19.712 [%]	10.103 [%]	19.712 [%]		
CV	5.284 [%]	3.216 [%]	5.284 [%]		
Deviation	53.624	0.439	0.191		
IC95%	23.501	0.193	0.084		
IC99%	30.886	0.253	0.110		

*Results of Single Samples*

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/dtex]
1	966	13.20	7.9	3.435
2	1086	14.16	8.5	3.860
3	1111	14.40	8.6	3.951
4	926	13.02	7.8	3.292
5	1030	13.50	8.1	3.662
6	1011	13.56	8.1	3.595
7	1022	13.38	8.0	3.634
8	1044	14.04	8.4	3.714
9	956	13.08	7.8	3.400
10	1062	13.98	8.4	3.777
11	1015	13.92	8.4	3.609
12	1036	13.56	8.1	3.683
13	1039	13.98	8.4	3.693
14	950	13.26	8.0	3.379
15	911	13.26	8.0	3.240
16	1043	14.40	8.6	3.710
17	956	13.02	7.8	3.400
18	1045	13.92	8.4	3.717
19	1032	13.74	8.2	3.669
20	1057	13.80	8.3	3.759