

**VIET HUNG TEXTILE Co.,LTD**

127 Le Van Chi str, Linh Trung ward, Thu Duc dist, HoChiMinh City, Viet Nam

http://viethungco.vn

email: viethung@viethungco.vn

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

Customer Code	VTEX	Test Code	NE 63/3,	Date	6/10/2022	Time 2:10:00 PM
Sample Description	INDIA	Lot	SSP 01-21	Sample Number	20	
Parcel				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	22C, 1 atm, 65% Rh					
Observations						

*Statistical Results of the Test*

	Force [cN]	Elongation [%]	Tenacity [cN/tex]	Average Time of Breakage [s]
Maximum	1148.359 (20)	13.560 (20)	40.836 (20)	7.6 [s]
Minimum	958.110 (12)	11.940 (26)	34.070 (12)	
Average	1044.702	12.663	37.150	
Range	18.211 [%]	12.793 [%]	18.211 [%]	
CV	5.073 [%]	3.439 [%]	5.073 [%]	
Deviation	52.995	0.435	1.885	
IC95%	23.226	0.191	0.826	
IC99%	30.524	0.251	1.085	

*Results of Single Samples*

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
1	1098	13.26	8.0	39.057
2	990	12.36	7.4	35.221
3	1070	12.84	7.7	38.046
4	1075	13.26	8.0	38.220
5	1080	12.96	7.8	38.395
6	1040	12.00	7.2	37.000
7	958	12.84	7.7	34.070
8	1072	12.72	7.6	38.116
9	1132	12.42	7.5	40.243
10	962	12.42	7.5	34.210
11	1062	13.08	7.8	37.767
12	1063	12.42	7.5	37.802
13	1045	12.24	7.3	37.174
14	1148	13.56	8.1	40.836
15	960	12.48	7.5	34.140
16	994	12.36	7.4	35.361
17	1040	12.48	7.5	37.000
18	1048	13.08	7.8	37.279
19	1041	12.54	7.5	37.035
20	1013	11.94	7.2	36.023