

VIET HUNG TEXTILE CO.,LTD**127 Le Van Chi str, Linh Trung ward, Thu Duc City, 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 53/3	Date	15/05/2025	Time	11:22:47 AM
Sample Description					Sample Number		25
Parcel		Lot	24114		Count		17.6 [Ne]
Material	NT						
Examiner	THOM						
Sample Length	500 [mm]	Load cell ID/FS [kg]			3 / 12	X 1	
Clamp Speed	500 [mm/min]	Pretension			17 [cN]		
Test Machine	MesdanTensolab CRE						
Test Conditions	22C, 1 atm, 65% Rh						
Observations							

Statistical Results of the Test

	Force [cN]	Elongation [%]	Tenacity [cN/dtex]	Average Time of Breakage [s]
Maximum	1286.632 (2)	14.280 (7)	3.835 (2)	7.8 [s]
Minimum	970.858 (4)	11.400 (4)	2.893 (4)	
Average	1165.893	13.073	3.475	
Range	27.084 [%]	22.03 [%]	27.084 [%]	
CV	6.376 [%]	5.282 [%]	6.376 [%]	
Deviation	74.332	0.691	0.222	
IC95%	29.137	0.271	0.087	
IC99%	38.293	0.356	0.114	

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/dtex]
1	971	11.40	6.8	2.893
2	1287	13.26	8.0	3.835
3	1136	12.90	7.7	3.384
4	1038	12.24	7.3	3.092
5	1234	13.62	8.2	3.677
6	1151	13.14	7.9	3.431
7	1255	14.28	8.6	3.741
8	1143	13.20	7.9	3.408
9	1261	14.22	8.5	3.759
10	1139	13.32	8.0	3.393
11	1116	12.60	7.6	3.326
12	1207	13.80	8.3	3.598
13	1103	12.24	7.3	3.288
14	1167	12.84	7.7	3.478
15	1191	13.38	8.0	3.548
16	1119	12.78	7.7	3.335
17	1233	13.80	8.3	3.674
18	1236	13.02	7.8	3.683
19	1197	12.24	7.3	3.569
20	1262	14.04	8.4	3.761