

VIET HUNG TEXTILE CO.,LTD**127 Le Van Chi str, Linh Xuan ward, 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	03/11/2025	Time 9:13:15 AM
Sample Description					Sample Number	25
Parcel		Lot	01-25		Count	17.3 [Ne]
Material	VP-MORIRIN					
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	8.3 [s]
Maximum	1356.260 (2)	15.180 (2)	3.973 (2)		
Minimum	1105.209 (12)	12.720 (21)	3.238 (12)		
Average	1228.969	13.814	3.600		
Range	20.428 [%]	17.808 [%]	20.428 [%]		
CV	4.243 [%]	4.342 [%]	4.243 [%]		
Deviation	52.151	0.600	0.153		
IC95%	20.443	0.235	0.060		
IC99%	26.866	0.309	0.079		

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/dtex]
1	1235	13.26	8.0	3.617
2	1356	15.18	9.1	3.973
3	1239	14.04	8.4	3.628
4	1249	13.68	8.2	3.660
5	1246	14.58	8.7	3.651
6	1216	13.56	8.1	3.562
7	1221	13.56	8.1	3.577
8	1241	14.10	8.5	3.634
9	1193	13.02	7.8	3.496
10	1227	13.38	8.0	3.594
11	1243	13.92	8.4	3.640
12	1105	12.90	7.7	3.238
13	1165	13.74	8.2	3.413
14	1267	14.10	8.5	3.712
15	1266	14.40	8.6	3.709
16	1214	13.44	8.1	3.557
17	1210	13.38	8.0	3.545
18	1238	14.16	8.5	3.626
19	1132	12.72	7.6	3.315
20	1148	13.14	7.9	3.364