

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 30/3	Date	22/10/2025	Time12:56:52 PM
Sample Description					Sample Number	25
Parcel		Lot	01-25		Count	10 [Ne]
Material	VP					
Examiner	THOM					
Sample Length	500 [mm]	Load cell ID/FS [kg]			3 / 12	X 1
Clamp Speed	500 [mm/min]	Pretension			29 [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	9.1 [s]
Maximum	2435.972 (4)	16.680 (17)	4.125 (4)		
Minimum	2011.344 (23)	13.680 (23)	3.406 (23)		
Average	2230.542	15.202	3.777		
Range	19.037 [%]	19.735 [%]	19.037 [%]		
CV	5.341 [%]	4.788 [%]	5.341 [%]		
Deviation	119.137	0.728	0.202		
IC95%	46.701	0.285	0.079		
IC99%	61.375	0.375	0.104		

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/dtex]
1	2292	14.58	8.7	3.881
2	2333	14.64	8.8	3.951
3	2368	16.08	9.6	4.010
4	2436	15.60	9.4	4.125
5	2180	14.70	8.8	3.692
6	2048	14.04	8.4	3.467
7	2115	15.18	9.1	3.582
8	2134	15.00	9.0	3.613
9	2076	14.64	8.8	3.515
10	2096	14.82	8.9	3.549
11	2335	15.36	9.2	3.954
12	2356	15.96	9.6	3.989
13	2245	15.24	9.1	3.801
14	2409	15.60	9.4	4.078
15	2332	16.38	9.8	3.949
16	2284	14.82	8.9	3.868
17	2304	16.68	10.0	3.901
18	2250	15.72	9.4	3.809
19	2160	15.36	9.2	3.658
20	2203	14.88	8.9	3.730