

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 44/3	Date	24/07/2024 Time 2:24:10 PM	
Sample Description					Sample Number	25
Parcel		Lot	GT002230		Count	14.7 [Ne]
Material	SE DON VP					
Examiner	THOM					
Sample Length	500 [mm]		Load cell ID/FS [kg]		3 / 12	X 1
Clamp Speed	500 [mm/min]		Pretension		20 [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	1573.967 (16)	15.180 (1)	3.918 (16)	8.5
Minimum	1313.110 (20)	13.080 (20)	3.269 (20)	
Average	1470.095	14.189	3.659	
Range	17.744 [%]	14.8 [%]	17.744 [%]	
CV	4.254 [%]	3.82 [%]	4.254 [%]	
Deviation	62.539	0.542	0.156	
IC95%	24.515	0.212	0.061	
IC99%	32.218	0.279	0.080	

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/dtex]
1	1555	15.18	9.1	3.872
2	1456	13.92	8.4	3.625
3	1453	14.04	8.4	3.618
4	1540	14.76	8.9	3.832
5	1463	13.80	8.3	3.642
6	1447	13.80	8.3	3.603
7	1434	14.04	8.4	3.569
8	1437	14.40	8.6	3.576
9	1526	15.18	9.1	3.798
10	1400	14.10	8.5	3.486
11	1505	14.40	8.6	3.747
12	1515	14.22	8.5	3.771
13	1470	14.04	8.4	3.659
14	1480	14.58	8.7	3.684
15	1448	14.10	8.5	3.605
16	1574	15.12	9.1	3.918
17	1540	14.34	8.6	3.832
18	1484	14.10	8.5	3.693
19	1518	14.10	8.5	3.779
20	1313	13.08	7.8	3.269