

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 22/4 **Date** 21/12/2024 Time 7:39:17 AM

Sample Description			Sample Number	25
Parcel		Lot	01-24	Count
Material	DON VP			5.5 [Ne]
Examiner	THOM			
Sample Length	500 [mm]	Load cell ID/FS [kg]	3 / 12	X 1
Clamp Speed	500 [mm/min]	Pretension	54 [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	4538.518 (2)	17.760 (12)	4.227 (2)	9.8
Minimum	4026.610 (17)	15.420 (3)	3.750 (17)	
Average	4288.880	16.286	3.994	
Range	11.936 [%]	14.368 [%]	11.936 [%]	
CV	2.333 [%]	3.326 [%]	2.333 [%]	
Deviation	100.059	0.542	0.093	
IC95%	39.222	0.212	0.037	
IC99%	51.547	0.279	0.048	

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/dtex]
1	4228	15.60	9.4	3.937
2	4539	16.98	10.2	4.227
3	4241	15.42	9.3	3.950
4	4249	16.14	9.7	3.957
5	4356	16.56	9.9	4.057
6	4227	15.96	9.6	3.936
7	4286	16.50	9.9	3.992
8	4324	16.62	10.0	4.027
9	4357	17.04	10.2	4.058
10	4203	16.08	9.6	3.915
11	4149	15.96	9.6	3.864
12	4468	17.76	10.7	4.161
13	4290	16.26	9.8	3.996
14	4359	16.02	9.6	4.060
15	4356	16.68	10.0	4.057
16	4211	15.90	9.5	3.922
17	4027	15.72	9.4	3.750
18	4303	16.26	9.8	4.008
19	4323	16.56	9.9	4.026
20	4285	17.10	10.3	3.990