

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 20/3	Date	18/11/2024	Time 1:12:22 PM
Sample Description					Sample Number	20
Parcel		Lot	24073		Count	7 [Ne]
Material						
Examiner	PHAM TRONG					
Sample Length	500 [mm]	Load cell ID/FS [kg]			3 / 12	X 1
Clamp Speed	500 [mm/min]	Pretension			42 [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	9.7 [s]
Maximum	3877.549 (2)	17.400 (12)	4.596 (2)		
Minimum	3313.667 (18)	15.300 (18)	3.928 (18)		
Average	3558.539	16.146	4.218		
Range	15.846 [%]	13.006 [%]	15.846 [%]		
CV	3.662 [%]	2.97 [%]	3.662 [%]		
Deviation	130.316	0.480	0.154		
IC95%	57.112	0.210	0.068		
IC99%	75.059	0.276	0.089		

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/dtex]
1	3599	15.84	9.5	4.266
2	3878	16.44	9.9	4.596
3	3551	16.14	9.7	4.209
4	3753	16.80	10.1	4.449
5	3626	16.62	10.0	4.297
6	3654	16.32	9.8	4.331
7	3542	15.54	9.3	4.199
8	3539	16.14	9.7	4.195
9	3440	15.42	9.3	4.078
10	3512	16.20	9.7	4.163
11	3461	16.14	9.7	4.102
12	3646	17.40	10.4	4.322
13	3452	16.08	9.6	4.092
14	3533	16.02	9.6	4.188
15	3695	16.26	9.8	4.380
16	3628	16.44	9.9	4.301
17	3410	16.02	9.6	4.042
18	3314	15.30	9.2	3.928
19	3463	16.08	9.6	4.104
20	3475	15.72	9.4	4.120