

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 33/3	Date	12/12/2024 Time 9:19:39 AM	
Sample Description					Sample Number	25
Parcel			Lot	24094	Count	11 [Ne]
Material						
Examiner	PHAM TRONG					
Sample Length	500 [mm]		Load cell ID/FS [kg]		3 / 12	X 1
Clamp Speed	500 [mm/min]		Pretension		27 [cN]	
Test Machine	MesdanTensolab CRE					
Test Conditions	22C, 1 atm, 65% Rh					
Observations <i>B</i>						

Statistical Results of the Test

	Force [cN]	Elongation [%]	Tenacity [cN/dtex]	Average Time of Breakage	9.1 [s]
Maximum	2221.206 (25)	16.020 (28)	4.137 (25)		
Minimum	1990.750 (22)	14.520 (10)	3.708 (22)		
Average	2108.469	15.163	3.927		
Range	10.930 [%]	9.892 [%]	10.930 [%]		
CV	3.006 [%]	2.882 [%]	3.006 [%]		
Deviation	63.371	0.437	0.118		
IC95%	24.841	0.171	0.046		
IC99%	32.647	0.225	0.061		

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/dtex]
1	2093	15.12	9.1	3.898
2	2205	15.72	9.4	4.106
3	2065	15.30	9.2	3.847
4	2098	15.66	9.4	3.907
5	2110	14.52	8.7	3.931
6	2077	15.36	9.2	3.869
7	2212	15.48	9.3	4.121
8	2172	15.96	9.6	4.046
9	2048	14.88	8.9	3.814
10	2130	14.88	8.9	3.967
11	2098	15.06	9.0	3.907
12	2022	14.70	8.8	3.767
13	2056	15.42	9.3	3.830
14	2045	14.76	8.9	3.809
15	2106	15.00	9.0	3.924
16	2038	14.82	8.9	3.796
17	1991	14.76	8.9	3.708
18	2070	14.64	8.8	3.856
19	2080	14.64	8.8	3.874
20	2221	15.30	9.2	4.137