

**VIET HUNG TEXTILE Co.,LTD**

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**Test of Yarn Traction with MesdanLab Strength Tester**

Customer Code	VTEX	Test Code	NE 52/3	Date	10/18/2021 Time 3:10:13 PM
Sample Description	725 T/M			Sample Number	20
Parcel		Lot		Count	17 [Ne]
Material					
Examiner	PHAM TRONG				
Sample Length	500 [mm]		Load cell ID/FS [kg]	3 / 12	X 1
Clamp Speed	500 [mm/min]		Pretension	17 [cN]	
Test Machine	MesdanTensolab CRE				
Test Conditions	22C, 1 atm, 65% Rh				
Observations					

*Statistical Results of the Test*

	Force [cN]	Elongation [%]	Tenacity [cN/tex]	Average Time of Breakage	7.4 [s]
Maximum	1313.110 (9)	13.440 (20)	37.800 (9)		
Minimum	1125.803 (11)	11.220 (11)	32.408 (11)		
Average	1230.784	12.375	35.430		
Range	15.219 [%]	17.939 [%]	15.219 [%]		
CV	4.350 [%]	4.591 [%]	4.350 [%]		
Deviation	53.545	0.568	1.541		
IC95%	23.467	0.249	0.676		
IC99%	30.840	0.327	0.888		

*Results of Single Samples*

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
1	1276	12.66	7.6	36.727
2	1262	12.90	7.7	36.332
3	1237	12.72	7.6	35.598
4	1291	12.54	7.5	37.151
5	1292	12.60	7.6	37.179
6	1230	12.36	7.4	35.401
7	1188	12.48	7.5	34.187
8	1208	12.24	7.3	34.780
9	1313	12.90	7.7	37.800
10	1221	11.70	7.0	35.147
11	1126	11.22	6.7	32.408
12	1196	11.76	7.1	34.441
13	1268	12.66	7.6	36.502
14	1200	12.12	7.3	34.554
15	1188	11.82	7.1	34.187
16	1284	12.96	7.8	36.953
17	1221	12.96	7.8	35.147
18	1142	11.76	7.1	32.888
19	1175	11.70	7.0	33.820
20	1299	13.44	8.1	37.405