

**VIET HUNG TEXTILE Co.,LTD**

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

Customer Code	VTEX	Test Code	NE 20/2	Date	7/6/2022 Time 7:45:26 AM
Sample Description				Sample Number	20
Parcel		Lot	SSP 01-21	Count	10 [Ne]
Material					
Examiner	<b>PHAM TRONG</b>				
Sample Length	500 [mm]	Load cell ID/FS [kg]		3 / 12	X 1
Camp Speed	500 [mm/min]	Pretension		27 [cN]	
Test Machine	<b>MesdanTensolab CRE</b>				
Test Conditions	<b>25C, 1 atm, 60% Rh</b>				
Observations					

*Statistical Results of the Test*

	Force [cN]	Elongation [%]	Tenacity [cN/tex]	Average Time of Breakage	8.1 [s]
Maximum	2293.775 (4)	14.220 (4)	38.841 (4)		
Minimum	2019.189 (6)	12.840 (20)	34.192 (6)		
Average	2157.414	13.497	36.532		
Range	12.728 [%]	10.224 [%]	12.728 [%]		
CV	3.914 [%]	2.922 [%]	3.914 [%]		
Deviation	84.435	0.394	1.430		
IC95%	37.004	0.173	0.627		
IC99%	48.632	0.227	0.824		

*Results of Single Samples*

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
1	2099	13.26	8.0	35.537
2	2199	14.04	8.4	37.231
3	2093	13.62	8.2	35.437
4	2294	14.22	8.5	38.841
5	2277	13.98	8.4	38.559
6	2019	13.14	7.9	34.192
7	2198	13.92	8.4	37.214
8	2042	13.02	7.8	34.574
9	2062	13.32	8.0	34.922
10	2101	13.20	7.9	35.570
11	2214	13.86	8.3	37.496
12	2116	13.14	7.9	35.836
13	2065	13.02	7.8	34.972
14	2236	13.26	8.0	37.862
15	2225	13.80	8.3	37.679
16	2233	13.56	8.1	37.812
17	2225	13.80	8.3	37.679
18	2075	12.84	7.7	35.138
19	2231	13.56	8.1	37.779
20	2145	13.38	8.0	36.317