

**VIET HUNG TEXTILE Co.,LTD**

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

Customer Code	VTEX	Test Code	TXP 150/48F RE	Date	29/03/2023	Time 8:10:10 AM
Sample Description					Sample Number	20
Parcel	1	Lot	TXP - RE		Count	
Material	PHAM TRONG					
Examiner	PHAM TRONG					
Sample Length	500 [mm]	Load cell ID/FS [kg]	3 / 12 X 1			
Clamp Speed	500 [mm/min]	Pretension	8 [cN]			
Test Machine	MesdanTensolab CRE					
Test Conditions	25C, 1 atm, 60% Rh					
Observations						

*Statistical Results of the Test*

	Force [cN]	Elongation [%]	Tenacity [cN/tex]	Average Time of Breakage 13.7 [s]
Maximum	656.065 (16)	25.680 (2)	40.167 (16)	
Minimum	586.438 (18)	18.240 (18)	35.904 (18)	
Average	637.089	22.782	39.005	
Range	10.929 [%]	32.657 [%]	10.929 [%]	
CV	2.785 [%]	8.252 [%]	2.785 [%]	
Deviation	17.741	1.880	1.086	
IC95%	7.775	0.824	0.476	
IC99%	10.219	1.083	0.626	

*Results of Single Samples*

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
1	647	24.54	14.7	39.627
2	651	25.68	15.4	39.867
3	610	20.76	12.5	37.345
4	633	23.94	14.4	38.726
5	615	21.18	12.7	37.646
6	638	22.20	13.3	39.087
7	640	22.20	13.3	39.207
8	652	23.76	14.3	39.927
9	641	23.10	13.9	39.267
10	647	24.06	14.4	39.627
11	628	20.76	12.5	38.426
12	653	24.06	14.4	39.987
13	636	21.18	12.7	38.966
14	647	22.02	13.2	39.627
15	651	23.58	14.1	39.867
16	656	25.20	15.1	40.167
17	652	25.08	15.0	39.927
18	586	18.24	10.9	35.904
19	621	21.06	12.6	38.006
20	635	23.04	13.8	38.906