

**VIET HUNG TEXTILE Co.,LTD**

127 Le Van Chi str, Linh Trung ward, Thu Duc dist, HoChiMinh City, Viet Nam

http://viethungco.vn

email: viethung@viethungco.vn

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

Customer Code VTEX Test Code TXP 150D/100T/M Date 10/29/2021 Time 1:55:09 PM

Sample Description		Sample Number	25
Parcel	Lot	Count	35 [Ne]
Material			
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	22C, 1 atm, 65% Rh		
Observations			

*Statistical Results of the Test*

	Force [cN]	Elongation [%]	Tenacity [cN/tex]	Average Time of Breakage [s]
Maximum	675.678 (22)	18.300 (23)	40.045 (22)	10.2
Minimum	621.742 (16)	15.300 (16)	36.849 (16)	
Average	654.927	17.057	38.815	
Range	8.236 [%]	17.588 [%]	8.236 [%]	
CV	2.050 [%]	5.235 [%]	2.050 [%]	
Deviation	13.424	0.893	0.796	
IC95%	5.262	0.350	0.312	
IC99%	6.916	0.460	0.410	

*Results of Single Samples*

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
1	657	18.00	10.8	38.941
2	668	18.18	10.9	39.580
3	653	17.04	10.2	38.708
4	672	18.00	10.8	39.813
5	661	17.46	10.5	39.173
6	647	16.38	9.8	38.360
7	651	17.40	10.4	38.592
8	636	17.88	10.7	37.720
9	642	16.50	9.9	38.069
10	665	17.94	10.8	39.406
11	668	17.04	10.2	39.580
12	646	16.08	9.6	38.302
13	674	17.46	10.5	39.929
14	659	16.26	9.8	39.057
15	675	18.06	10.8	39.987
16	622	15.30	9.2	36.849
17	645	16.08	9.6	38.244
18	655	16.92	10.2	38.825
19	641	15.60	9.4	38.011
20	652	16.62	10.0	38.650