

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/48F	Date	14/10/2022	Time	8:09:08 AM
Sample Description		Lot	BILLION	Sample Number	20	Count	150 [den]
Parcel							
Material							
Examiner	PHAM TRONG						
Sample Length	500 [mm]	Load cell ID/FS [kg]		3 / 12	X 1		
Clamp Speed	500 [mm/min]	Pretension		9 [cN]			
Test Machine	MesdanTensolab CRE						
Test Conditions	25C, 1 atm, 60% Rh						
Observations							

Statistical Results of the Test

	Force [cN]	Elongation [%]	Tenacity [cN/dtex]	Average Time of Breakage [s]
Maximum	702.156 (13)	22.440 (20)	4.213 (13)	12.2
Minimum	649.200 (3)	18.960 (11)	3.895 (3)	
Average	674.796	20.397	4.049	
Range	7.848 [%]	17.061 [%]	7.848 [%]	
CV	2.405 [%]	5.356 [%]	2.405 [%]	
Deviation	16.229	1.092	0.097	
IC95%	7.113	0.479	0.043	
IC99%	9.348	0.629	0.056	

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/dtex]
1	657	20.04	12.0	3.942
2	664	19.50	11.7	3.983
3	649	19.20	11.5	3.895
4	654	19.44	11.7	3.925
5	653	19.26	11.6	3.919
6	678	20.46	12.3	4.066
7	665	19.98	12.0	3.989
8	692	20.76	12.5	4.154
9	660	18.96	11.4	3.960
10	681	19.74	11.8	4.083
11	702	21.96	13.2	4.213
12	675	19.62	11.8	4.048
13	682	21.84	13.1	4.089
14	691	21.24	12.7	4.148
15	690	21.96	13.2	4.142
16	690	21.00	12.6	4.142
17	670	19.68	11.8	4.019
18	699	22.44	13.5	4.195
19	681	21.42	12.9	4.083
20	663	19.44	11.7	3.978