

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	NE 94/2F	Date	18/10/2022	Time	9:10:49 AM
Sample Description					Sample Number	15	
Parcel	F	Lot	SSP 03-22		Count	21 [Ne]	
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			14 [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	7.5 [s]
Maximum	1103.248 (18)	13.260 (3)	3.923 (18)		
Minimum	933.593 (11)	11.700 (11)	3.320 (11)		
Average	995.571	12.564	3.540		
Range	17.041 [%]	12.416 [%]	17.041 [%]		
CV	5.432 [%]	4.027 [%]	5.432 [%]		
Deviation	54.082	0.506	0.192		
IC95%	27.369	0.256	0.097		
IC99%	35.969	0.337	0.128		

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/dtex]
1	1003	12.54	7.5	3.567
2	1021	12.72	7.6	3.630
3	1033	13.26	8.0	3.672
4	952	12.66	7.6	3.386
5	941	11.76	7.1	3.348
6	967	12.36	7.4	3.438
7	958	11.94	7.2	3.407
8	955	12.48	7.5	3.397
9	934	11.70	7.0	3.320
10	935	12.54	7.5	3.323
11	1040	13.08	7.8	3.696
12	990	12.24	7.3	3.522
13	1012	12.78	7.7	3.599
14	1103	13.26	8.0	3.923
15	1090	13.14	7.9	3.874