

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 12/5...	Date	7/12/2022	Time	10:35:34 AM
Sample Description					Sample Number	23	
Parcel		Lot	SSP 01-21		Count	3 [Ne]	
Material							
Examiner	PHAM TRONG						
Sample Length	500 [mm]		Load cell ID/FS [kg]		3 / 12	X 1	
Clamp Speed	500 [mm/min]		Pretension		123 [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	10.9 [s]
Maximum	9648.763 (8)	18.960 (32)	49.016 (8)		
Minimum	8600.432 (17)	17.400 (16)	43.690 (17)		
Average	9073.837	18.117	46.095		
Range	11.553 [%]	8.611 [%]	11.553 [%]		
CV	3.327 [%]	2.483 [%]	3.327 [%]		
Deviation	301.921	0.450	1.534		
IC95%	123.389	0.184	0.627		
IC99%	162.161	0.242	0.824		

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
1	8624	17.64	10.6	43.810
2	9258	18.48	11.1	47.033
3	9147	17.46	10.5	46.465
4	8799	18.18	10.9	44.697
5	9150	18.12	10.9	46.480
6	8787	18.36	11.0	44.637
7	8867	17.94	10.8	45.045
8	9649	18.84	11.3	49.016
9	8783	18.48	11.1	44.617
10	9009	18.12	10.9	45.768
11	9558	18.78	11.3	48.553
12	8801	17.64	10.6	44.712
13	8950	17.40	10.4	45.464
14	8600	17.52	10.5	43.690
15	9108	18.12	10.9	46.271
16	8835	17.58	10.5	44.881
17	9251	18.36	11.0	46.993
18	9066	17.70	10.6	46.057
19	9355	18.24	10.9	47.521
20	8915	18.06	10.8	45.289