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 62/3..	Date	10/19/2021 Time 2:57:49 PM

Sample Description	841 T/M			Sample Number	30
Parcel		Lot	SSP 02 - 21	Count	20.6 [Ne]
Material					
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	22C, 1 atm, 65% Rh				
Observations					

Statistical Results of the Test

	Force [cN]	Elongation [%]	Tenacity [cN/tex]	Average Time of Breakage 7.3 [s]
Maximum	1137.571 (15)	12.780 (7)	39.682 (15)	
Minimum	987.530 (29)	11.400 (3)	34.448 (29)	
Average	1052.221	12.100	36.704	
Range	14.260 [%]	11.405 [%]	14.260 [%]	
CV	4.143 [%]	3.162 [%]	4.143 [%]	
Deviation	43.596	0.383	1.521	
IC95%	15.600	0.137	0.544	
IC99%	20.502	0.180	0.715	

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
1	1069	11.94	7.2	37.287
2	1033	12.06	7.2	36.021
3	1017	11.40	6.8	35.474
4	1035	11.94	7.2	36.090
5	1127	12.66	7.6	39.305
6	1050	12.72	7.6	36.637
7	1094	12.78	7.7	38.176
8	1046	12.30	7.4	36.500
9	1009	11.94	7.2	35.200
10	1063	12.48	7.5	37.082
11	1057	12.06	7.2	36.877
12	1042	11.82	7.1	36.363
13	1120	12.36	7.4	39.066
14	1106	12.30	7.4	38.587
15	1138	12.00	7.2	39.682
16	1040	12.24	7.3	36.295
17	1068	11.46	6.9	37.253
18	1063	11.88	7.1	37.082
19	1106	12.78	7.7	38.587
20	1014	11.58	6.9	35.371

Generated by MesdanLab instruments

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Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
21	1005	11.87	7.1	35.063
22	1011	11.82	7.1	35.269
23	1037	11.82	7.1	36.158
24	989	11.75	7.1	34.516
25	992	11.82	7.1	34.619
26	1137	12.78	7.7	39.647
27	1043	12.18	7.3	36.398
28	1034	12.06	7.2	36.056
29	988	11.94	7.2	34.448
30	1033	12.24	7.3	36.021

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