

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 30/2,	Date	13/03/2023	Time	11:08:51 AM
Sample Description					Sample Number	20	
Parcel	Lot		SSP 01-21	Count		15 [Ne]	
Material							
Examiner	PHAM TRONG						
Sample Length	500 [mm]	Load cell ID/FS [kg]		3 / 12	X 1		
Clamp Speed	500 [mm/min]	Pretension		18 [cN]			
Test Machine	MesdanTensolab CRE						
Test Conditions	22C, 1 atm, 65% Rh						
Observations	BMTCLBH						

Statistical Results of the Test

	Force [cN]	Elongation [%]	Tenacity [cN/tex]	Average Time of Breakage	7.8 [s]
Maximum	1539.644 (12)	13.740 (9)	39.107 (12)		
Minimum	1315.072 (3)	12.180 (20)	33.403 (3)		
Average	1435.056	12.930	36.450		
Range	15.649 [%]	12.065 [%]	15.649 [%]		
CV	4.454 [%]	3.153 [%]	4.454 [%]		
Deviation	63.919	0.408	1.624		
IC95%	28.013	0.179	0.712		
IC99%	36.816	0.235	0.935		

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/tex]
1	1405	12.96	7.8	35.695
2	1376	12.90	7.7	34.947
3	1315	12.48	7.5	33.403
4	1422	13.14	7.9	36.118
5	1518	13.38	8.0	38.559
6	1396	12.84	7.7	35.470
7	1459	13.20	7.9	37.065
8	1417	13.26	8.0	35.993
9	1518	13.74	8.2	38.559
10	1534	13.50	8.1	38.958
11	1468	12.78	7.7	37.289
12	1540	13.44	8.1	39.107
13	1380	12.84	7.7	35.047
14	1374	12.48	7.5	34.897
15	1446	12.66	7.6	36.741
16	1410	12.84	7.7	35.819
17	1490	12.96	7.8	37.837
18	1378	12.36	7.4	34.997
19	1486	12.66	7.6	37.737
20	1369	12.18	7.3	34.773