

**VIET HUNG TEXTILE Co.,LTD**

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**Test of Yarn Traction with MesdanLab Strength Tester**

Customer Code	VTEX	Test Code	NE 63/3	Date	13/02/2023	Time 8:44:28 AM
Sample Description					Sample Number	20
Parcel		Lot	SSP 01-21		Count	21 [   ]
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	25C, 1 atm, 60% Rh					
Observations						

*Statistical Results of the Test*

	Force [cN]	Elongation [%]	Tenacity [cN/dtex]	Average Time of Breakage	7.7 [s]
Maximum	1132.668 (15)	13.860 (21)	48.543 (15)		
Minimum	965.955 (17)	12.300 (14)	41.398 (17)		
Average	1031.758	12.885	44.218		
Range	16.158 [%]	12.107 [%]	16.158 [%]		
CV	4.620 [%]	3.24 [%]	4.620 [%]		
Deviation	47.671	0.417	2.043		
IC95%	20.892	0.183	0.895		
IC99%	27.457	0.240	1.177		

*Results of Single Samples*

Sample #	Max Force [cN]	Max Elongation [%]	Time [s]	Tenacity [cN/dtex]
1	1030	12.66	7.6	44.130
2	998	13.02	7.8	42.785
3	1052	13.02	7.8	45.097
4	1006	12.66	7.6	43.121
5	1024	13.32	8.0	43.878
6	1050	12.42	7.5	45.013
7	1097	13.08	7.8	47.030
8	988	13.26	8.0	42.323
9	1032	13.08	7.8	44.214
10	1055	12.84	7.7	45.223
11	967	12.30	7.4	41.440
12	1133	13.26	8.0	48.543
13	976	12.60	7.6	41.818
14	966	12.72	7.6	41.398
15	1076	12.30	7.4	46.105
16	1105	13.86	8.3	47.366
17	1047	13.44	8.1	44.886
18	966	12.60	7.6	41.398
19	1034	12.36	7.4	44.298
20	1034	12.90	7.7	44.298