

VIET HUNG TEXTILE CO.,LTD**127 Le Van Chi str, Linh Trung ward, Thu Duc City, 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 43/2	Date	24/07/2024	Time	0:43:49 AM
Sample Description	861 T/M				Sample Number	25	
Parcel		Lot	SSP 01-24		Count	21	[Ne]
Material	SOI SE						
Examiner	THOM						
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/dtex]	Average Time of Breakage	7.8 [s]
Maximum	1104.229 (6)		14.040 (7)		3.927 (6)		
Minimum	880.637 (20)		11.640 (20)		3.132 (20)		
Average	993.963		13.008		3.535		
Range	22.495 [%]		18.45 [%]		22.495 [%]		
CV	7.331 [%]		5.4 [%]		7.331 [%]		
Deviation	72.870		0.702		0.259		
IC95%	28.564		0.275		0.102		
IC99%	37.540		0.362		0.133		

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation	[%]	Time [s]	Tenacity	[cN/dtex]
1	928	12.60		7.6	3.299	
2	892	12.36		7.4	3.173	
3	929	13.02		7.8	3.302	
4	1090	13.32		8.0	3.878	
5	1058	13.56		8.1	3.763	
6	1104	13.44		8.1	3.927	
7	1036	14.04		8.4	3.683	
8	1059	13.44		8.1	3.766	
9	911	12.06		7.2	3.240	
10	895	12.24		7.3	3.184	
11	1029	13.74		8.2	3.658	
12	1020	13.50		8.1	3.627	
13	1040	13.38		8.0	3.700	
14	1056	13.14		7.9	3.756	
15	1035	13.92		8.4	3.679	
16	1066	13.86		8.3	3.791	
17	1057	13.26		8.0	3.759	
18	1021	13.50		8.1	3.630	
19	951	13.08		7.8	3.383	
20	881	11.64		7.0	3.132	