

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 60/2	Date	26/12/2024	Time	12:39:22 PM
Sample Description					Sample Number	25	
Parcel			Lot	GT002232	Count	30 [Ne]	
Material							
Examiner	PHAM TRONG						
Sample Length	500 [mm]		Load cell ID/FS [kg]		3 / 12	X 1	
Clamp Speed	500 [mm/min]		Pretension		10 [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	7.6 [s]
Maximum	738.441 (8)		13.680 (1)		3.751 (8)		
Minimum	578.592 (17)		11.220 (17)		2.939 (17)		
Average	662.302		12.595		3.365		
Range	24.135 [%]		19.531 [%]		24.135 [%]		
CV	6.788 [%]		5.487 [%]		6.788 [%]		
Deviation	44.958		0.691		0.228		
IC95%	17.623		0.271		0.090		
IC99%	23.161		0.356		0.118		

Results of Single Samples

Sample #	Max Force [cN]	Max Elongation	[%]	Time [s]	Tenacity	[cN/dtex]
1	725	13.68		8.2	3.682	
2	629	11.82		7.1	3.193	
3	675	12.30		7.4	3.427	
4	666	12.30		7.4	3.383	
5	737	13.38		8.0	3.746	
6	686	13.26		8.0	3.487	
7	718	13.14		7.9	3.647	
8	738	13.68		8.2	3.751	
9	692	12.96		7.8	3.517	
10	637	12.78		7.7	3.238	
11	683	13.20		7.9	3.467	
12	667	13.02		7.8	3.388	
13	597	11.52		6.9	3.034	
14	605	11.58		6.9	3.074	
15	716	13.08		7.8	3.637	
16	668	12.60		7.6	3.393	
17	579	11.22		6.7	2.939	
18	618	11.82		7.1	3.139	
19	648	12.60		7.6	3.293	
20	664	12.48		7.5	3.373	