

LAMPIRAN

Lampiran 1 Gambar Serat Daun Nanas



Pengeringan Serat Daun Nanas

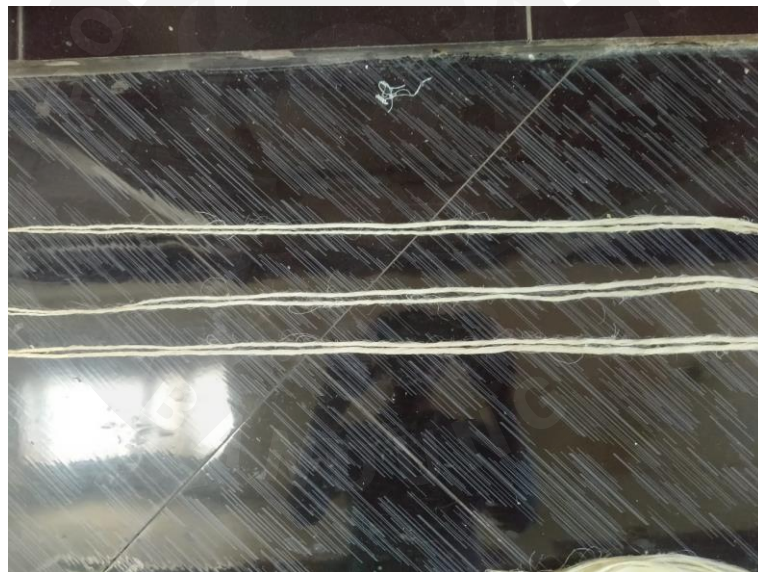


Serat Daun Nanas yang Telah Disusun

Lampiran 2 Pembuatan Tali Serat Daun Nanas



Pemisahan Serat



Pintal Serat Menjadi *Yarn*

Lampiran 2 Pembuatan Tali Serat Daun Nanas (lanjutan)



Pintal *Yarn* Menjadi *Strand*



Pintal *Strand* Menjadi Sebuah Tali

Lampiran 3 Contoh Uji



Contoh Uji 1



Contoh Uji 2

Lampiran 3 Contoh Uji (lanjutan)



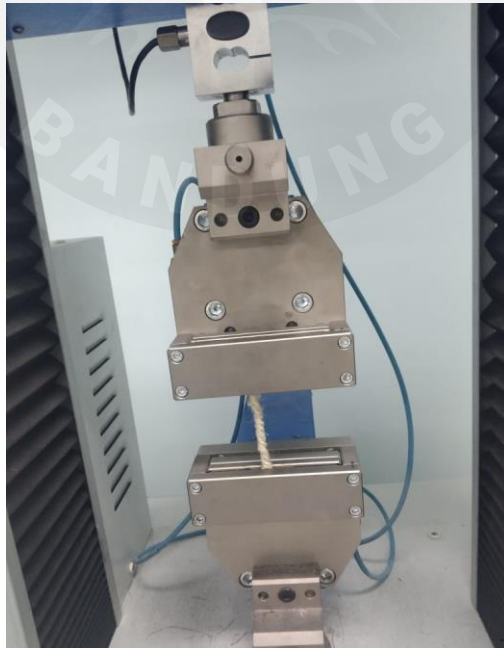
Contoh Uji 3



Lampiran 4 Alat Tensolab



Tensolab



Tensolab

Lampiran 5 Hasil Pengujian

LABORATORIUM PENGUJIAN TEKSTIL - SEKOLAH TINGGI TEKNOLOGI TEKSTIL Jl. Jakarta no. 31, Bandung, Jawa Barat <i>(022) 7272580, (022) 7271894, siti@bdg.centrin.net.id</i>				
Test of Traction with MesdanLab Strength Tester				
Customer Code	SWARITZ	Test Code	TALISERAT	Date: 6/3/2021 Time: 3:33:13 PM
Sample Description		Lot		Sample Number: 3
Parcel				
Material				
Examiner				
Sample Length	75 [mm]	Load cell ID/FS [kg]	6 / 1000	X 1
Clamp Speed	500 [mm/min]	Pretension	0 [N]	
Test Machine				
Observations				
<i>Statistical Results of the Test</i>				
	Force [N]	Elongation [%]		Average Time of Breakage 4.8 [s]
Maximum	852.527 (6)	59.600 (4)		
Minimum	704.240 (7)	42.273 (7)		
Average	759.466	53.392		
Range	19.525 [%]	32.452 [%]		
CV	10.673 [%]	18.076 [%]		
Deviation	81.061	9.651		
IC95%	91.727	10.921		
IC99%	120.551	14.353		

Lampiran 5 Hasil Pengujian (lanjutan)

Test Machine

Observations

Statistical Results of the Test

	Force [N]	Elongation [%]	Average Time of Breakage [s]
Maximum	852.527 (6)	59.600 (4)	4.8 [s]
Minimum	704.240 (7)	42.273 (7)	
Average	759.466	53.392	
Range	19.525 [%]	32.452 [%]	
CV	10.673 [%]	18.076 [%]	
Deviation	81.061	9.651	
IC95%	91.727	10.921	
IC99%	120.551	14.353	

Results of Single Samples

Sample #	Max Force [N]	Max Elongation [%]	Time [s]
1	704.24	59.60	5.4
2	852.53	58.30	5.2
3	721.63	42.27	3.8