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# LAMPIRAN

## Lampiran 1 Pengujian Kualitas *Roving Collector*

USTER® TESTER 5 - S800 R 5.7 Tue 15.03.22 11:28 Operator EFFENDI Page 1  
 PT SRI REJEKI ISMAN SPINNING 9 SUKOHARJO, INDONESIA

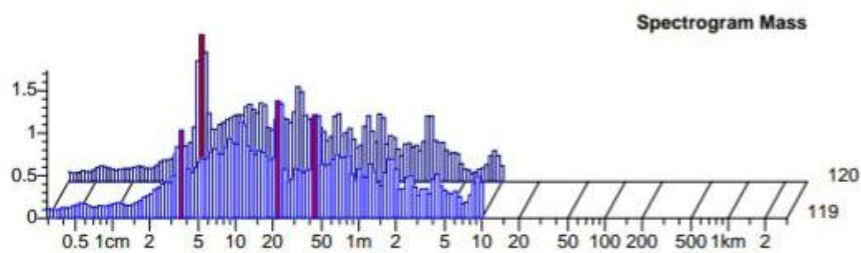
TU UT5-1 Catalog SLIVER9 Temp Rel.H  
 Style ROVING Sample ID 32602 Nom. count Nec 0.88  
 Tests 2 / 1 v= 50 m/min t= 1 min Meas. slot 2 Short staple

### STANDARD DAILY

Article SPEEDFRAME Material class Roving Mach. Nr. SPG IX  
 Uster Statistics  
 Fiber Viscose 1.33dtex 28mm 100%  
 CEK ROVING PAKAI COLEKTOR

#### Total tests : 2 / 2 Single test(s)

Nr	U%	CVm	CVm 1m	CVm 3m	CVm 5m	CVm 10m	Rel. Cnt ±
	%	%	%	%	%	%	%
119	3.31	4.21	1.87	1.37			-0.6
120	3.56	4.46	1.66	1.19			0.6
Mean	3.44	4.34	1.76	1.28			0.0
CVs							
Q95							
Max	3.56	4.46	1.87	1.37			0.6
Min	3.31	4.21	1.66	1.19			-0.6
USP™							



Sumber : QC *Spinning IX*

## Lampiran 2 Pengujian *Roving Non Collector*

USTER® TESTER 5 - S800 R 5.7 Tue 15.03.22 11:24 Operator EFFENDI Page 1  
 PT SRI REJEKI ISMAN SPINNING 9 SUKOHARJO, INDONESIA

TU UT5-1 Catalog SLIVER9 Temp Rel.H  
 Style ROVING Sample ID 32601 Nom. count Nec 0.88  
 Tests 2 / 1 v= 50 m/min t= 1 min Meas. slot 2 Short staple

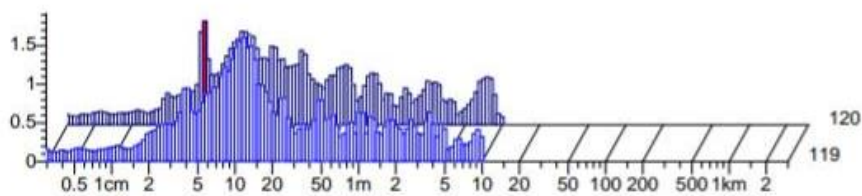
### STANDARD DAILY

Article SPEEDFRAME Material class Roving Mach. Nr. SPG IX  
 Uster Statistics  
 Fiber Viscose 1.33dtex 28mm 100%  
 CEK ROVING TANPA COLEKTOR

#### Total tests : 2 / 2 Single test(s)

Nr	U%	CVm	CVm 1m	CVm 3m	CVm 5m	CVm 10m	Rel. Cnt ±
	%	%	%	%	%	%	%
119	4.83	6.10	2.16	1.74			-3.9
120	3.85	4.92	2.38	2.00			3.9
Mean	4.34	5.51	2.27	1.87			0.0
CVs							
Q95							
Max	4.83	6.10	2.38	2.00			3.9
Min	3.85	4.92	2.16	1.74			-3.9
USP™							

Spectrogram Mass



Sumber : QC Spinning IX

### Lampiran 3 Pengujian Kualitas Benang Ne 30 *Sample Roving Collector*

USTER® TESTER 5 - S800 R 5.7 Thu 17.03.22 14:23 Operator EFFENDI Page 1  
 PT SRI REJEKI ISMAN SPINNING 9 SUKOHARJO, INDONESIA

TU UT5-1 Catalog YARN9 Temp Rel.H  
 Style COPS Sample ID 42000 Nom. count Nec 30 Nom. twist 18.72 T/inch  
 Tests 2 / 1 v= 400 m/min t= 1 min Meas. slot 4 Short staple  
 Absorber 67 %

#### STANDARD DAILY

Article 30 APR Material class Yarn Mach. Nr. RF 21  
 Uster Statistics 100% CV, ring yarn, cones, 2013  
 Fiber Viscose 1.33dtex 38mm 100%  
 CEK KWALITAS COLLECTOR

#### Total tests : 2 / 2 Single test(s)

Nr	U%	CVm	Thin -40%	Thin -50%	Thick +35%	Thick +50%	Neps +140%	Neps +200%	Neps +280%	Count	Rel. Cnt ±	H	sh	D (nom)
	%	%	/km	/km	/km	/km	/km	/km	/km		%			g/cm3
257	9.12	11.47	30.0	0.0	95.0	15.0	137.5	37.5	17.5		-1.2	4.63	0.95	
258	9.17	11.58	20.0	0.0	67.5	7.5	145.0	27.5	12.5		1.2	4.77	0.98	
Mean	9.14	11.53	25.0	0.0	81.3	11.3	141.3	32.5	15.0		0.0	4.70	0.96	
CV														
s														
Q95														
Max	9.17	11.58	30.0	0.0	95.0	15.0	145.0	37.5	17.5		1.2	4.77	0.98	
Min	9.12	11.47	20.0	0.0	67.5	7.5	137.5	27.5	12.5		-1.2	4.63	0.95	
USP™13		17	6	< 5	6	24	14	24				24	< 5	

Nr	CV2D 8mm	Shape	2DØ	CV2D 0.3mm	Trash count spec. /g	Dust count spec. /g	FD
	%						/km
257							
258							
Mean							
CV							
s							
Q95							
Max							
Min							
USP™13							

Sumber : QC *Spinning IX*

## Lampiran 4 Pengujian Kualitas Benang Ne 30 *Sample Roving Non Collector*

USTER® TESTER 5 - S800 R 5.7 Thu 17.03.22 14:19 Operator EFFENDI Page 1  
 PT SRI REJEKI ISMAN SPINNING 9 SUKOHARJO, INDONESIA

TU UT5-1 Catalog YARN9 Temp Rel.H  
 Style COPS Sample ID 41999 Nom. count Nec 30 Nom. twist 18.72 T/inch  
 Tests 2 / 1 v= 400 m/min t= 1 min Meas. slot 4 Short staple  
 Absorber 67 %

### STANDARD DAILY

Article 30 APR Material class Yarn Mach. Nr. RF 21  
 Uster Statistics 100% CV, ring yarn, cones, 2013  
 Fiber Viscose 1.33dtex 38mm 100%  
 CEK KWALITAS NON COLLECTOR

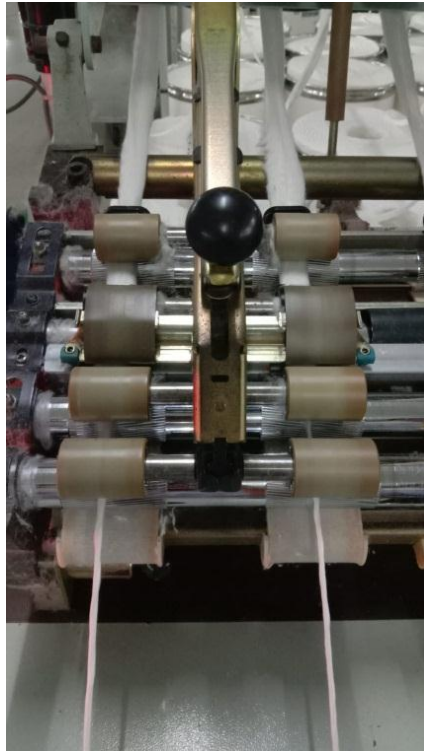
#### Total tests : 2 / 2 Single test(s)

Nr	U%	CVm	Thin -40%	Thin -50%	Thick +35%	Thick +50%	Neps +140%	Neps +200%	Neps +280%	Count	Rel. Cnt ±	H	sh	D (nom)
	%	%	/km	/km	/km	/km	/km	/km	/km		%			g/cm3
257	10.20	12.90	110.0	2.5	150.0	40.0	190.0	70.0	32.5		-2.6	4.72	0.98	
258	10.52	13.48	212.5	35.0	180.0	17.5	215.0	62.5	10.0		2.6	4.98	1.04	
Mean	10.36	13.19	161.3	18.8	165.0	28.8	202.5	66.3	21.3		0.0	4.85	1.01	
CVs														
Q95														
Max	10.52	13.48	212.5	35.0	180.0	40.0	215.0	70.0	32.5		2.6	4.98	1.04	
Min	10.20	12.90	110.0	2.5	150.0	17.5	190.0	62.5	10.0		-2.6	4.72	0.98	
USPTM13		62	74	85	33	57	26	55				29	< 5	

Nr	CV2D 8mm	Shape	2DØ	CV2D 0.3mm	Trash count spec. /g	Dust count spec. /g	FD
	%						/km
257							
258							
Mean							
CVs							
Q95							
Max							
Min							
USPTM13							

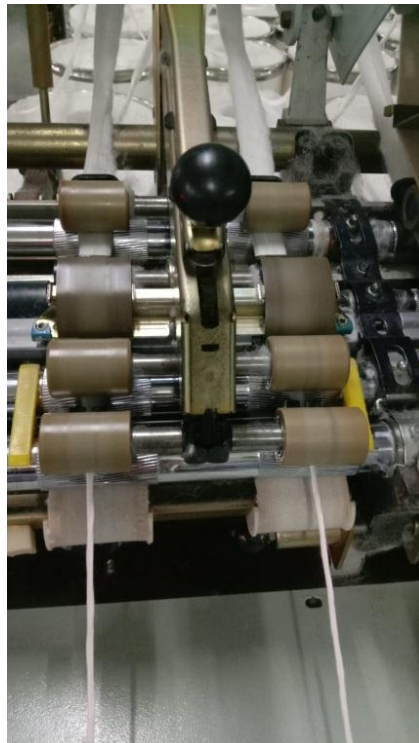
Sumber : QC Spinning IX

Lampiran 5 Proses *Roving Non Collector*



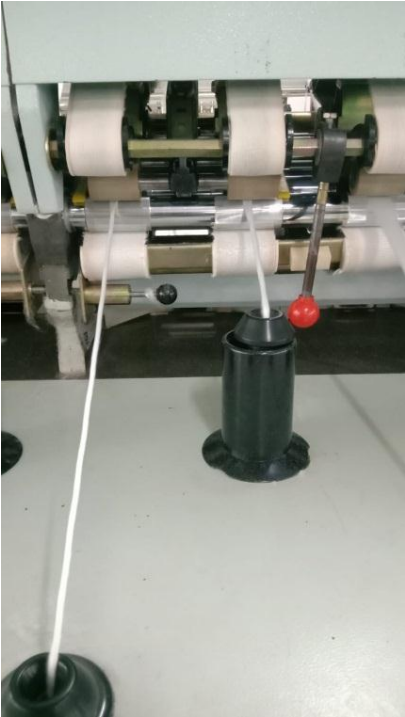
Sumber : Dokumentasi Pribadi

Lampiran 6 Proses *Roving Collector*



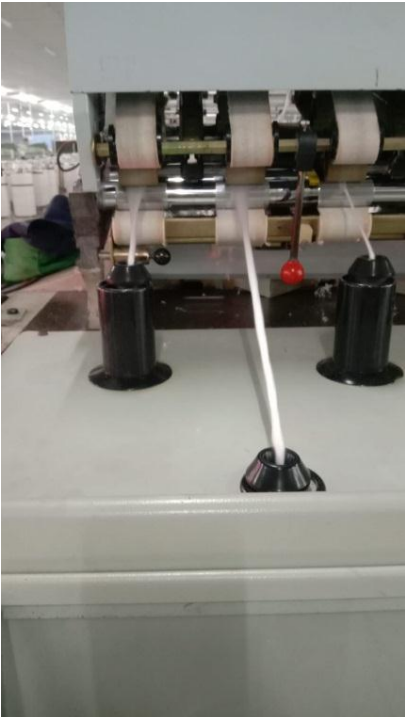
Sumber : Dokumentasi Pribadi

Lampiran 7 Proses *Roving Collector*



Sumber : Dokumentasi Pribadi

Lampiran 8 Proses *Roving Non Collector*



Sumber : Dokumentasi Pribadi



Lampiran 9 Hasil *Roving Non Collector*



Sumber : Dokumentasi Pribadi

Lampiran 10 Hasil *Roving Collector*



Sumber : Dokumentasi Pribadi

Lampiran 11 Proses *Roving Non Collector*



Sumber : Dokumentasi Pribadi

Lampiran 12 *Spindle 257 & Spindle 258* Proses *Roving Non Collector*



Sumber : Dokumentasi Pribadi

Lampiran 13 Mesin *Speed Frame*



Sumber : Dokumentasi Pribadi

Lampiran 14 Mesin *Reeling Benang*



Sumber : Dokumentasi Pribadi

Lampiran 15 Mesin *Reeling Roving*



Sumber : Dokumentasi Pribadi

Lampiran 16 Mesin Uster Tester 5



Sumber : Dokumentasi Pribadi