

DAFTAR PUSTAKA

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Jakarta

<https://bit.ly/PenyetelanRoving>, *Manajemen pemeliharaan mesin Roving* (diakses online 29 agustus).

<https://bit.ly/SeputarTekstil>, *Mesin Roving*. (Diakses online 29 agustus).

LAMPIRAN

Lampiran 1 Hasil *Trial* Pembebanan Terhadap Kualitas *Roving* dan Benang

S.05		TRIAL ARM SPEED FRAME					
ITEM	40 TR 820						ITEM
	Regular			Middle			
Arm							Arm
SPEED FRAME							
IP%	2.07			1.97			IP%
CVm 1m %	1.40			1.31			CVm 1m %
RING SPINNING FRAME							
IP%	1	2	AVG	1	2	AVG	IP%
CVm%	10.71	10.01	10.66	10.71	10.7	10.71	CVm%
Thin -50%	13.49	11.41	12.45	13.51	12.1	12.81	Thin -50%
Thick +50%	4	2	3	4	2	3	Thick +50%
Neps +200%	20	23	21.5	20	23	21.5	Neps +200%
TOTAL IPI	59	56	58	59	56	58	TOTAL IPI
Hairiness	4.31	4.38	4.35	4.38	4.38	4.35	Hairiness
sh	0.91	0.91	0.91	0.91	0.91	0.91	sh
B-force	372.6	371.8	372.2	368.1	368.1	368.1	B-force
CV%	10.42	8.54	9.48	9.03	8.77	8.90	CV%
Elongation	9.65	9.48	9.55	9.52	9.27	9.32	Elongation
CV%	9.78	7.75	8.77	8.10	7.9	7.87	CV%
RKM	23.20	23.30	23.25	23.93	23.9	24.00	RKM
CV%	10.42	8.54	9.48	9.03	8.77	8.90	CV%
WINDING							
IP%	10.91	10.68	10.80	10.97	11.05	11.01	IP%
CVm%	13.76	13.77	13.77	13.82	13.9	13.86	CVm%
Thin -50%	6	6	6	6	6	6	Thin -50%
Thick +50%	40	32	36	38	32	36	Thick +50%
Neps +200%	30	27	28.5	30	27	28.5	Neps +200%
TOTAL IPI	85	75	80	81	87	84	TOTAL IPI
Hairiness	5.06	5.03	5.05	5.21	5.2	5.25	Hairiness
sh	1.16	1.12	1.17	1.21	1.2	1.21	sh
B-force	355.4	354.3	354.9	347.4	347.3	347.3	B-force
CV%	9.41	9.24	9.31	9.05	8.7	8.88	CV%
Elongation	9.77	9.76	9.77	9.34	9.1	9.23	Elongation
CV%	7.01	7.73	7.38	7.46	8.7	8.61	CV%
RKM	24.00	24.00	24.04	23.53	23.5	23.65	RKM
CV%	9.47	9.54	9.51	9.05	8.71	8.88	CV%
CLASSIMATE							
H / Cut	46.7			50.8			H / Cut
si	9.8			14.9			si
S	23.7			21.4			S
L	0.7			1.2			L
T	5.1			7.5			T
Ep	8.6			1.7			Ep
Gm	1.1			1.9			Gm
Ecp	1.8			3.1			Ecp
Ccm	1.9			5.0			Ccm
VI	89.8			71.4			VI
VB	20.8			22.7			VB
Total Classimate	243.4			278.8			Total Classimate

Lampiran 2 Tabel RKM Benang pada Pembebanan Low

Table and Diagrams

Article: TR Material class: Yarn Mach. Nr: RF 19
 Uster Statistic: 67/33%, 65/35% PES/CV, ring yarn, bobbins, 2013
 40 TR 820 - ARM LOW / COP BLUE

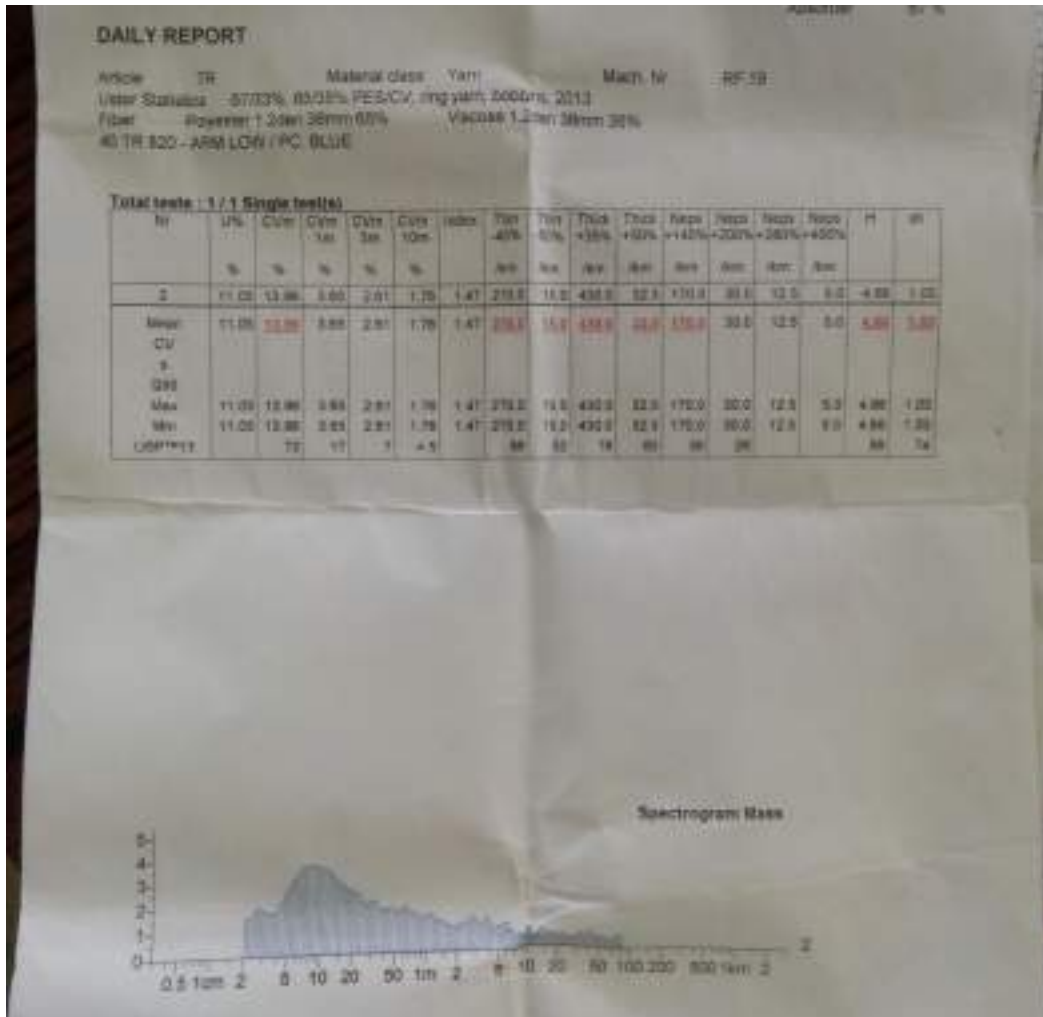
Total: 3 / 30 Single test(s)

Nr	Time to break s	B-Force gF	Elong. %	Tenacity Nen	B-Work gF.cm
2/10	0.57	383.1	9.55	25.95	603.8
7/10	0.54	307.9	8.92	24.24	647.8
7/10	0.54	344.7	9.04	23.35	601.2
Mean	0.55	361.9	9.17	24.51	614.5
CV	8.75	11.54	8.78	11.84	17.35
Min	0.46	273.5	7.79	18.82	577.8
Max	0.63	452.4	10.56	30.84	1219

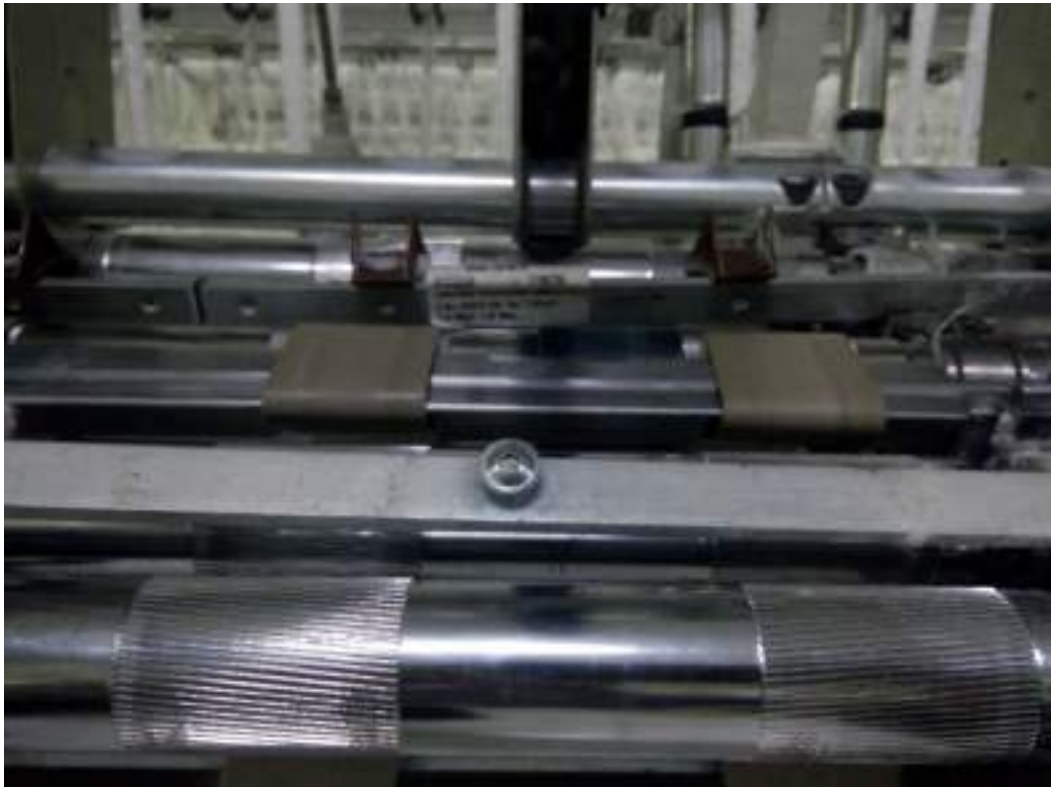
Lampiran 3 Tabel Kualitas Roving pada pembebanan Low



Lampiran 4 Tabel hasil Uster Benang pada pembebanan LOW



Lampiran 5 Gambar Bottom *Roll* pada mesin *Simplex*



Lampiran 6 Gambar Wighting Arm pada mesin *Simplex*

