

## DAFTAR PUSTAKA

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## LAMPIRAN



*Lampiran 1 gambar Rotor*



*Lampiran 2 Adaptor*



*Lampiran 3 Dudukan Rotor*

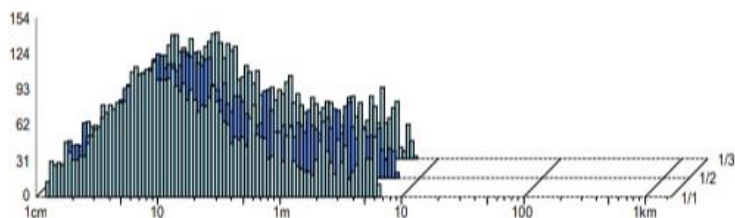
**Article:** Rotor yarn **N. samples:** 1, each 3 tests  
**Lot/Material:** **Characteristics:** 6 Nec, Short staple  
**Material Type:** **Measuring conditions:** 1.0 min, 200 m/min, slot 3, 28.1°C, 43.4%RH  
**Fiber:** 100% 4µg/inch

**Comments:** Spindle No 7 Ne 6 Rotor C533/U-D 100% Cotton

**Customer:**

Test N. S / T	Machine name	Um%	CVm%	CVm% 1m	CVm% 3m	Count Rel. %	Thin/km -50%	Thick/km +50%	Neps/km +280%	H
1 / 1	---	9,81	12,41	2,66	2,02	-0,66	0,0	55,0	10,0	4,01
1 / 2	---	9,75	12,31	2,71	1,89	0,14	10,0	60,0	15,0	3,85
1 / 3	---	9,81	12,41	2,98	2,26	0,52	5,0	60,0	15,0	3,96
<b>AVG.</b>		<b>9,79</b>	<b>12,38</b>	<b>2,78</b>	<b>2,06</b>	<b>0,00</b>	<b>5,0</b>	<b>58,0</b>	<b>13,0</b>	<b>3,94</b>
MIN.		9,75	12,31	2,66	1,89	-0,66	0,0	55,0	10,0	3,85
MAX.		9,81	12,41	2,98	2,26	0,52	10,0	60,0	15,0	4,01
R		0,06	0,10	0,32	0,37	1,18	10,0	5,0	5,0	0,16
CVb%		0,35	0,47	6,19	9,11	0,60	100,0	5,0	22,0	2,08
s		0,03	0,06	0,17	0,19	0,60	5,0	3,0	3,0	0,08
Q95%		0,09	0,14	0,43	0,47	1,50	12,0	7,0	7,0	0,20

Spectrogram Mass



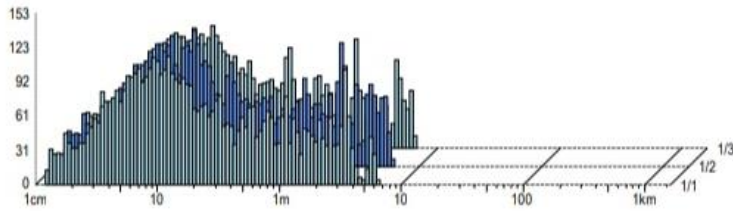
Lampiran 4 hasil pengujian ketidakrataan *Spindle 7*

**Article:** Rotor yarn  
**Lot/Material:** N. samples: 1, each 3 tests  
**Material Type:** Characteristics: 6 Nec, Short staple  
 Measuring conditions: 1.0 min, 200 m/min, slot 3, 27.6°C, 40.2%RH  
 Fiber: 100% 4µg/inch  
**Comments:** ROTOR C341 COTTON 100% SPINDLE 7

**Customer:**

Test N.	Machine name	Um%	CVm%	CVm% 1m	CVm% 3m	Count Rel. %	Thin/km -50%	Thick/km +50%	Neps/km +280%	H
1 / 1	---	10,07	12,97	3,95	2,85	-0,42	10,0	60,0	15,0	5,00
1 / 2	---	10,06	12,72	3,13	2,05	0,16	0,0	30,0	0,0	4,89
1 / 3	---	10,00	12,74	3,48	2,39	0,27	0,0	65,0	10,0	4,87
<b>AVG.</b>		<b>10,04</b>	<b>12,81</b>	<b>3,52</b>	<b>2,43</b>	<b>0,00</b>	<b>3,0</b>	<b>52,0</b>	<b>8,0</b>	<b>4,92</b>
MIN.		10,00	12,72	3,13	2,05	-0,42	0,0	30,0	0,0	4,87
MAX.		10,07	12,97	3,95	2,85	0,27	10,0	65,0	15,0	5,00
R		0,07	0,25	0,82	0,80	0,69	10,0	35,0	15,0	0,13
CVb%		0,38	1,08	11,69	16,52	0,37	173,0	37,0	92,0	1,42
s		0,04	0,14	0,41	0,40	0,37	6,0	19,0	8,0	0,07
Q95%		0,09	0,35	1,02	1,00	0,92	14,0	47,0	19,0	0,17

Spectrogram Mass



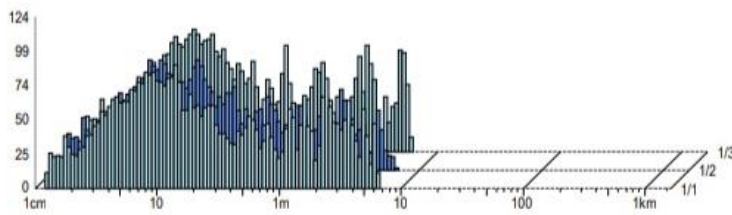
Lampiran 5 hasil pengujian ketidakrataan *Spindle 7*

**Article:** Rotor yarn  
**N. samples:** 1, each 3 tests  
**Lot/Material:** **Characteristics:** 6 Nec, Short staple  
**Material Type:** **Measuring conditions:** 1.0 min, 200 m/min, slot 3, 28.0°C, 40.9%RH  
**Comments:** ROTOR TYPE C533/U-D 100 % COTTON SPINDLE 9 **Fiber:** 100% 4ug/inch

**Customer:**

Test N.	Machine name	Um%	CVm%	CVm% 1m	CVm% 3m	Count Rel. %	Thin/km -50%	Thick/km +50%	Neps/km +280%	H
1 / 1	---	9,25	11,73	3,58	2,53	0,18	10,0	30,0	0,0	4,21
1 / 2	---	8,77	11,11	2,89	2,17	-0,23	0,0	15,0	0,0	4,13
1 / 3	---	9,54	12,09	3,88	2,82	0,05	5,0	30,0	10,0	4,14
<b>AVG.</b>		<b>9,19</b>	<b>11,64</b>	<b>3,45</b>	<b>2,51</b>	<b>0,00</b>	<b>5,0</b>	<b>25,0</b>	<b>3,0</b>	<b>4,16</b>
MIN.		8,77	11,11	2,89	2,17	-0,23	0,0	15,0	0,0	4,13
MAX.		9,54	12,09	3,88	2,82	0,18	10,0	30,0	10,0	4,21
R		0,77	0,98	0,99	0,65	0,41	10,0	15,0	10,0	0,08
CVb%		4,23	4,26	14,71	12,97	0,21	100,0	35,0	173,0	1,05
s		0,39	0,50	0,51	0,33	0,21	5,0	9,0	6,0	0,04
Q95%		0,97	1,23	1,26	0,81	0,52	12,0	22,0	14,0	0,11

Spectrogram Mass



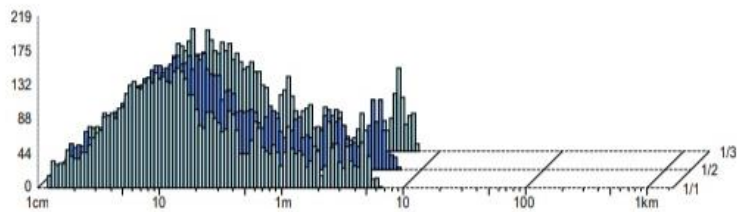
Lampiran 6 hasil pengujian ketidakrataan *Spindle 9*

**Article:** Rotor yarn  
**Lot/Material:**  
**Material Type:**  
**Comments:** ROTOR C341 COTTON 100 % SPINDLE 9  
**N. samples:** 1, each 3 tests  
**Characteristics:** 6 Nec, Short staple  
**Measuring conditions:** 1.0 min, 200 m/min, slot 3, 27.8°C, 40.2%RH  
**Fiber:** 100% 4ug/inch

**Customer:**

Test N. S / T	Machine name	Um%	CVm%	CVm% 1m	CVm% 3m	Count Rel. %	Thin/km -50%	Thick/km +50%	Neps/km +280%	H
1 / 1	---	11,59	15,33	2,80	1,80	-0,09	5,0	560,0	160,0	4,49
1 / 2	---	11,38	15,10	2,51	1,73	0,12	0,0	560,0	130,0	4,43
1 / 3	---	11,52	15,24	2,71	1,55	-0,03	10,0	485,0	140,0	4,42
<b>AVG.</b>		<b>11,50</b>	<b>15,22</b>	<b>2,67</b>	<b>1,69</b>	<b>0,00</b>	<b>5,0</b>	<b>535,0</b>	<b>143,0</b>	<b>4,45</b>
MIN.		11,38	15,10	2,51	1,55	-0,09	0,0	485,0	130,0	4,42
MAX.		11,59	15,33	2,80	1,80	0,12	10,0	560,0	160,0	4,49
R		0,21	0,23	0,29	0,25	0,21	10,0	75,0	30,0	0,07
CVb%		0,93	0,76	5,56	7,64	0,11	100,0	8,0	11,0	0,86
s		0,11	0,12	0,15	0,13	0,11	5,0	43,0	15,0	0,04
Q95%		0,27	0,29	0,37	0,32	0,27	12,0	108,0	38,0	0,09

Spectrogram Mass



Lampiran 7 hasil pengujian ketidakrataan *Spindle 9*