

WRAPPING COUNT REGISTER REPORT

Applied Automation
Cascade_V17.8.31

Conifer Industries Pvt.Ltd.
21 March 2025 09:17:54 AM

Wrapping CountRegister Report - Studywise For Department - AutoConer

Date & Time : 19/03/2025 09:17:44 AM
Shift : 1
Test No : 4
Count Desc :
Sample Length : 120.0
Test Desc : 36/1 CCH S-6 MXG RED ZEBRA CONE

Unit : A
Mix : S-6
Count : 36

Department : AutoConer Dry Bulb(F) : 80.0
Count Unit : ne Wet Bulb(F) : 68.5
No of Sample : 10 RH(%) : 55.0
Tested Channel : 550 lbs

| Machine No | Count(Strength) Readings | | | | Avg. Cnt (Strength) | RH. Cnt (Strength) | CV (%) | CSP |
|------------|--------------------------|------------------|------------------|------------------|---------------------|--------------------|----------------|------|
| | 1 | 2 | 3 | 4 | | | | |
| AC-03 | 36.51 (79.81) | 36.38 (74.51) | 35.98 (76.22) | 35.43 (84.77) | | | | |
| | 35.82 (75.88) | 36.22 (77.42) | 36.99 (76.90) | 36.26 (76.56) | | | | |
| | 36.49 (84.25) | 35.80 (79.13) | | | 36.19 (78.54) | 35.83 (82.28) | 1.23 (4.45) | 2842 |
| | | | | | | | | |

| | Nominal | Average | RH.Corr | Cnt.Corr | Min | Max | Range | CV% |
|------------|---------------|---------|-------------------|----------|---------------|-------|----------------|------|
| Count | 36.00 | 36.19 | 35.83 | - | 35.43 | 36.99 | 1.56 | 1.23 |
| Strength | 85.00 | 78.54 | 82.28 | 81.79 | 74.51 | 84.77 | 10.25 | 4.45 |
| Elongation | N/A | | | | | | | |
| CSP | 3060 | 2842 | 2948 | 2944 | 2711 | 3074 | 363 | 4.28 |
| CCSP: 2944 | R.K.M : 17.69 | | Corr.Coeff: -0.26 | | Min Exp: 2463 | | Min Act : 2711 | |

TESTED BY

GM

MD

1|550|29.14|29.190|12.9

3/19/2025 4:38 PM

Conifer Test Report-Table

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| | | | | | | | |
|-----------------|-------------|----------------|---------------|-------------------|---|---------------|---------|
| USTER® TESTER 6 | 24.3.5.0 | Process step | Winding | Tests | 10/1 | Temperature | 24.2 °C |
| Operator | Manager | Material class | Normal Yarn | Test speed | 400.00 m/min | Rel. humidity | 55.4 % |
| Test ID | 411654 | Measuring slot | Automatic MS4 | Test time | 1.00 min | Absorber | Medium |
| FYP config. | | IP analysis | Short | Test length | 400.00 m | Yarn type | Compact |
| Product | 36sCCH | Nom. count | 36.00 Ne | Fibers | 100% Cotton 4.20 Mic 30.00 mm | | |
| Lot ID | 24360375 | Nom. twist | 21.30 T/inch, | USTER® STATISTICS | 100% CO, ring yarn, combed, package, knitting, 2023 | | |
| Machine | U1-AC-3 | Processing | Combed | Comment | 36/1 CCH S-6 MXG | | |
| Mill unit | 1 | Application | Knitting | | | | |
| Operator | CHANDAN SRI | Cone Colour | RED ZEBRA | | | | |

| No. | U | CVm | CVm 1m | CVm 3m | CVm 10m | Thin -50% | Thick 50% | Neps 200% | Total IP Stand. | Relative count total % | H | sh |
|-----------|-------|-------|--------|--------|---------|-----------|-----------|-----------|-----------------|------------------------|------|------|
| | % | % | % | % | % | /km | /km | /km | /km | | | |
| 1 / 1 | 9.87 | 12.48 | 4.85 | 3.54 | 2.53 | 0 | 10 | 50 | 60 | -0.47 | 4.85 | 1.01 |
| 2 / 1 | 10.01 | 12.62 | 5.20 | 4.02 | 2.94 | 0 | 28 | 43 | 70 | -1.25 | 4.73 | 1.00 |
| 3 / 1 | 9.83 | 12.43 | 4.95 | 3.80 | 2.74 | 0 | 20 | 30 | 50 | 0.87 | 4.20 | 0.91 |
| 4 / 1 | 9.65 | 12.25 | 4.92 | 3.99 | 3.13 | 0 | 20 | 53 | 73 | 1.72 | 4.50 | 1.07 |
| 5 / 1 | 9.76 | 12.34 | 4.55 | 3.77 | 3.29 | 0 | 25 | 43 | 68 | -2.40 | 4.61 | 0.96 |
| 6 / 1 | 9.59 | 12.14 | 4.07 | 3.26 | 2.76 | 0 | 20 | 45 | 65 | -1.12 | 4.55 | 0.96 |
| 7 / 1 | 9.90 | 12.46 | 5.08 | 3.95 | 3.35 | 0 | 10 | 45 | 55 | 1.43 | 4.16 | 0.89 |
| 8 / 1 | 9.91 | 12.54 | 5.08 | 3.97 | 3.02 | 3 | 18 | 70 | 90 | 2.00 | 4.03 | 0.88 |
| 9 / 1 | 9.85 | 12.47 | 4.96 | 4.16 | 3.54 | 0 | 20 | 48 | 68 | -0.54 | 4.63 | 0.97 |
| 10 / 1 | 9.54 | 12.06 | 3.79 | 2.72 | 2.26 | 0 | 5 | 58 | 63 | -0.24 | 4.65 | 1.00 |
| Mean | 9.79 | 12.38 | 4.75 | 3.72 | 2.96 | 0 | 18 | 48 | 66 | 0.00 | 4.49 | 0.97 |
| CV | 1.6 | 1.5 | 9.9 | 11.8 | 13.3 | 316.2 | 40.4 | 21.9 | 16.5 | | 6.0 | 6.0 |
| s | 0.15 | 0.18 | 0.47 | 0.44 | 0.39 | 1 | 7 | 11 | 11 | 1.45 | 0.27 | 0.06 |
| Q95 | 0.11 | 0.13 | 0.33 | 0.31 | 0.28 | 1 | 5 | 8 | 8 | 1.04 | 0.19 | 0.04 |
| USP™ 2023 | | 19 | >95 | >95 | >95 | <5 | 11 | 41 | | | 20 | <5 |
| Min | 9.54 | 12.06 | 3.79 | 2.72 | 2.26 | 0 | 5 | 30 | 50 | -2.40 | 4.03 | 0.88 |
| Max | 10.01 | 12.62 | 5.20 | 4.16 | 3.54 | 3 | 28 | 70 | 90 | 2.00 | 4.85 | 1.07 |

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