

Test Report - CSP

Dry :86°F Wet :77°F RH : 65.00 % Test Date & Time : 25-Jan-25 11:21 am
Test ID :15406 No. of Test :21 Count Type :32/1 CH Nom. Strength :80 (lbf)
Dept. :Finishing Lot No. :JK/34/10 Nom. Count :32.00 (NeC) Sam. Length :120.00 yard
Shift :General Operator :Owner

| Machine : 32/1 CH | Test No. | Weight (g) | Count (NeC) | RH Count (NeC) | Strength (lbf) | CSP | RH CSP |
|-------------------|----------|------------|-------------|----------------|----------------|--------|--------|
| | 1 | 2.036 | 31.821 | 31.821 | 78.92 | 2511 | 2511 |
| | 2 | 2.045 | 31.681 | 31.681 | 74.66 | 2365 | 2365 |
| | 3 | 2.013 | 32.185 | 32.185 | 79.88 | 2571 | 2571 |
| | 4 | 1.987 | 32.606 | 32.606 | 72.15 | 2353 | 2353 |
| | 5 | 1.978 | 32.754 | 32.754 | 75.92 | 2487 | 2487 |
| | 6 | 1.977 | 32.771 | 32.771 | 71.25 | 2335 | 2335 |
| | 7 | 1.969 | 32.904 | 32.904 | 76.99 | 2533 | 2533 |
| | 8 | 2.044 | 31.697 | 31.697 | 75.80 | 2403 | 2403 |
| | 9 | 2.030 | 31.915 | 31.915 | 74.25 | 2370 | 2370 |
| | 10 | 2.010 | 32.233 | 32.233 | 79.88 | 2575 | 2575 |
| | 11 | 1.988 | 32.590 | 32.590 | 75.80 | 2470 | 2470 |
| | 12 | 2.011 | 32.217 | 32.217 | 76.88 | 2477 | 2477 |
| | 13 | 2.045 | 31.681 | 31.681 | 74.25 | 2352 | 2352 |
| | 14 | 1.996 | 32.459 | 32.459 | 77.88 | 2528 | 2528 |
| | 15 | 1.999 | 32.410 | 32.410 | 78.12 | 2532 | 2532 |
| | 16 | 2.047 | 31.650 | 31.650 | 82.50 | 2611 | 2611 |
| | 17 | 2.020 | 32.073 | 32.073 | 80.17 | 2571 | 2571 |
| | 18 | 2.028 | 31.947 | 31.947 | 83.92 | 2681 | 2681 |
| | 19 | 2.039 | 31.774 | 31.774 | 76.55 | 2432 | 2432 |
| | 20 | 2.023 | 32.026 | 32.026 | 80.83 | 2589 | 2589 |
| | 21 | 2.050 | 31.604 | 31.604 | - | - | - |
| Average | | 2.016 | 32.143 | 32.143 | 77.33 | 2487 | 2487 |
| CV % | | | 1.29 | 1.29 | 4.24 | 4.02 | 4.02 |
| Min. | | | 31.604 | 31.604 | 71.25 | 2335 | 2335 |
| Max. | | | 32.904 | 32.904 | 83.92 | 2681 | 2681 |
| Range | | | 1.300 | 1.300 | 12.67 | 346 | 346 |
| SD | | | 0.42 | 0.42 | 3.28 | 100.00 | 100.00 |
| Q95 (±) | | | 0.19 | 0.19 | 1.53 | 46.64 | 46.64 |
| Q99 (±) | | | 0.26 | 0.26 | 2.09 | 63.62 | 63.62 |

Remarks : NE-32/1CH JK YARNS LOT INSPECTION LOT NO-JK/34/10 LABLE COUNT 34/1CH

| | |
|-----------|-------|
| AVG COUNT | 32.14 |
| CV% | 1.29 |
| STRENGTH | 77.33 |
| CV% | 4.24 |
| CSP | 2487 |

Ne - 34/1
COMBED HOSIERY
100% COTTON YARN

25/01/25

25/01

TU UT5-1 Catalog YCP Temp Rel.H 126 %
Style CH CONES Sample ID 07336 Nom. count Nec 32 Nom. twist 21.3 T/inch
Tests 21 / 1 v= 400 m/min t= 1 min Meas. slot 4 Short staple Absorber 67 %

TSPL REPORT

Article 32/1 CH Material class Yarn Mach. Nr. YCP
Uster Statistics 100% CO, ring yarn, carded, bobbins, knitting, 2013
Fiber Cotton 0% Cotton 0% Cotton 0%
NE:-32/1 CH JK YARNS LOT INSPECTION LOT NO:-JK/34/10 (LABEL COUNT-34/1 CH)

Total tests : 21 / 21 Single test(s)

| Nr | U% | CVm | CVm 1m | CVm 3m | CVm 10m | Thin -30% | Thin -40% | Thin -50% | Thick +35% | Thick +50% | Neps +140% | Neps +200% | Neps +280% | Rel. Cnt ± | DR 1.5m 5% |
|--------|------|-------|--------|--------|---------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|
| | % | % | % | % | % | /km | /km | /km | /km | /km | /km | /km | /km | % | % |
| 1 | 9.55 | 12.03 | 3.90 | 3.24 | 2.53 | 840.0 | 30.0 | 0.0 | 185.0 | 30.0 | 322.5 | 65.0 | 20.0 | -0.3 | 18.7 |
| 2 | 9.70 | 12.23 | 3.85 | 3.27 | 2.37 | 895.0 | 40.0 | 0.0 | 222.5 | 15.0 | 402.5 | 42.5 | 10.0 | -0.9 | 16.7 |
| 3 | 9.47 | 11.97 | 4.02 | 3.42 | 2.78 | 750.0 | 15.0 | 0.0 | 187.5 | 25.0 | 267.5 | 37.5 | 15.0 | 0.9 | 16.4 |
| 4 | 9.84 | 12.42 | 4.21 | 3.69 | 3.04 | 960.0 | 22.5 | 0.0 | 245.0 | 25.0 | 462.5 | 50.0 | 10.0 | 0.2 | 22.1 |
| 5 | 9.67 | 12.18 | 3.59 | 3.05 | 2.51 | 955.0 | 42.5 | 0.0 | 210.0 | 10.0 | 490.0 | 60.0 | 12.5 | -0.5 | 13.0 |
| 6 | 9.63 | 12.17 | 3.85 | 3.26 | 2.67 | 942.5 | 45.0 | 0.0 | 235.0 | 17.5 | 570.0 | 57.5 | 7.5 | 0.4 | 14.7 |
| 7 | 9.92 | 12.55 | 3.85 | 2.74 | 2.27 | 1075.0 | 52.5 | 0.0 | 262.5 | 32.5 | 650.0 | 57.5 | 7.5 | -1.3 | 15.6 |
| 8 | 9.64 | 12.18 | 3.92 | 3.19 | 2.27 | 812.5 | 50.0 | 0.0 | 225.0 | 22.5 | 415.0 | 35.0 | 10.0 | -0.3 | 19.1 |
| 9 | 9.56 | 12.07 | 4.12 | 3.53 | 2.87 | 735.0 | 32.5 | 0.0 | 210.0 | 25.0 | 335.0 | 37.5 | 17.5 | 0.4 | 21.2 |
| 10 | 9.53 | 12.02 | 3.98 | 3.05 | 2.54 | 745.0 | 25.0 | 0.0 | 217.5 | 15.0 | 325.0 | 47.5 | 7.5 | 1.4 | 16.5 |
| 11 | 9.34 | 11.81 | 3.42 | 2.85 | 2.27 | 745.0 | 15.0 | 0.0 | 177.5 | 12.5 | 427.5 | 65.0 | 10.0 | 0.2 | 12.4 |
| 12 | 9.79 | 12.36 | 3.54 | 2.92 | 1.91 | 1002.5 | 55.0 | 2.5 | 277.5 | 15.0 | 452.5 | 47.5 | 7.5 | -0.5 | 12.5 |
| 13 | 9.73 | 12.33 | 3.67 | 2.94 | 2.07 | 950.0 | 27.5 | 0.0 | 245.0 | 30.0 | 340.0 | 55.0 | 20.0 | -0.5 | 14.3 |
| 14 | 9.18 | 11.59 | 3.34 | 2.52 | 1.76 | 650.0 | 22.5 | 0.0 | 150.0 | 17.5 | 270.0 | 50.0 | 15.0 | 2.6 | 12.4 |
| 15 | 9.87 | 12.45 | 4.16 | 3.47 | 2.51 | 1100.0 | 37.5 | 0.0 | 227.5 | 30.0 | 535.0 | 55.0 | 22.5 | -1.1 | 18.1 |
| 16 | 9.93 | 12.52 | 3.71 | 3.01 | 2.17 | 1147.5 | 37.5 | 0.0 | 250.0 | 15.0 | 595.0 | 60.0 | 10.0 | -1.1 | 16.1 |
| 17 | 9.61 | 12.08 | 4.05 | 3.35 | 2.69 | 877.5 | 17.5 | 0.0 | 200.0 | 10.0 | 417.5 | 50.0 | 5.0 | -0.8 | 19.0 |
| 18 | 9.61 | 12.16 | 3.50 | 2.92 | 2.35 | 927.5 | 32.5 | 0.0 | 237.5 | 20.0 | 502.5 | 60.0 | 12.5 | -0.6 | 11.2 |
| 19 | 9.49 | 11.96 | 3.55 | 2.81 | 2.25 | 800.0 | 32.5 | 0.0 | 185.0 | 15.0 | 395.0 | 62.5 | 0.0 | 1.5 | 13.9 |
| 20 | 9.64 | 12.15 | 3.71 | 3.10 | 2.28 | 902.5 | 42.5 | 0.0 | 257.5 | 25.0 | 410.0 | 77.5 | 20.0 | -0.2 | 17.2 |
| 21 | 9.53 | 12.05 | 3.76 | 3.08 | 2.49 | 765.0 | 12.5 | 0.0 | 197.5 | 17.5 | 295.0 | 65.0 | 25.0 | 0.5 | 17.7 |
| Mean | 9.63 | 12.16 | 3.80 | 3.11 | 2.41 | 884.6 | 32.7 | 0.1 | 219.3 | 20.2 | 422.9 | 54.2 | 12.6 | 0.0 | 16.1 |
| CV | 1.9 | 1.9 | 6.5 | 9.2 | 12.8 | 14.9 | 38.6 | 458.3 | 14.6 | 34.3 | 25.3 | 19.8 | 50.3 | 1.0 | 18.51 |
| Q95 | 0.08 | 0.11 | 0.11 | 0.13 | 0.14 | 60.2 | 5.8 | 0.2 | 14.6 | 3.2 | 48.7 | 4.9 | 2.9 | 0.5 | 1.4 |
| Max | 9.93 | 12.55 | 4.21 | 3.69 | 3.04 | 1148 | 55.0 | 2.5 | 277.5 | 32.5 | 650.0 | 77.5 | 25.0 | 2.6 | 22.1 |
| Min | 9.18 | 11.59 | 3.34 | 2.52 | 1.76 | 650.0 | 12.5 | 0.0 | 150.0 | 10.0 | 267.5 | 35.0 | 0.0 | -1.3 | 11.2 |
| USP™13 | | < 5 | 23 | 24 | 54 | | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | | | |

Ne - 34/1
COMBED HOSIERY
100% COTTON YARN

| | |
|-----------|------|
| U% | 9.63 |
| Cvb | 1.9 |
| THIN-50% | 0.1 |
| THICK+50% | 20.2 |
| NEPS+200% | 54.2 |
| TOTAL IPI | 74.5 |

25/01/25

25/01