

## Product Specifications

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since 1998

## Specifications: -20/36 Bright

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 22.0     | +<br>- 0.55 | 22.0     |
| 2     | Tenacity               | gpd     | 5.5      | + - 0.4     | 5.77     |
| 3     | Elongation             | %       | 40       | + - 5       | 41.58    |
| 4     | Evenness (Normal Mode) | %       | 1.8      | + - 0.3     | 1.82     |
| 5     | Shrinkage              | %       | 8.5      | + - 0.5     | 8.44     |
| 6     | Oil pick up            | %       | 1.4      | + - 0.1     | 1.32     |
| 7     | Nips                   | nos/mtr | 24       | + - 3       | 26       |
| 8     | Cross Section          | ---     | Circular | ---         | Circular |

## Specifications: -20/10 Bright

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 20.5     | +<br>- 0.51 | 20.6     |
| 2     | Tenacity               | gpd     | 5.0      | + - 0.4     | 5.09     |
| 3     | Elongation             | %       | 40.0     | + - 5       | 41.19    |
| 4     | Evenness (Normal Mode) | %       | 1.7      | + - 0.3     | 1.85     |
| 5     | Shrinkage              | %       | 8.5      | + - 0.5     | 8.51     |
| 6     | Oil pick up            | %       | 1.3      | + - 0.1     | 1.55     |
| 7     | Nips                   | nos/mtr | 20       | + - 3       | 20       |
| 8     | Cross Section          | ---     | Trilobal | ---         | Trilobal |

## Specifications: -30/24 Bright

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 30.0     | +<br>- 0.75 | 30.2     |
| 2     | Tenacity               | gpd     | 5.0      | +<br>- 0.4  | 5.05     |
| 3     | Elongation             | %       | 40       | +<br>- 5    | 40.87    |
| 4     | Evenness (Normal Mode) | %       | 1.6      | +<br>- 0.3  | 1.42     |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.34     |
| 6     | Oil pick up            | %       | 1.4      | +<br>- 0.1  | 1.65     |
| 7     | Nips                   | nos/mtr | 24       | +<br>- 3    | 25       |
| 8     | Cross Section          | ---     | Trilobal | ---         | Trilobal |

## Specifications: -30/36 Bright

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 31       | +<br>- 0.78 | 31.0     |
| 2     | Tenacity               | gpd     | 5.2      | +<br>- 0.4  | 5.42     |
| 3     | Elongation             | %       | 42       | +<br>- 5    | 41.84    |
| 4     | Evenness (Normal Mode) | %       | 1.8      | +<br>- 0.3  | 1.97     |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.61     |
| 6     | Oil pick up            | %       | 1.4      | +<br>- 0.1  | 1.28     |
| 7     | Nips                   | nos/mtr | 24       | +<br>- 3    | 25       |
| 8     | Cross Section          | ---     | Circular | ---         | Circular |

## Specifications: -40/10 Bright

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 40.8     | +<br>- 1.02 | 40.8     |
| 2     | Tenacity               | gpd     | 5.0      | +<br>- 0.4  | 4.93     |
| 3     | Elongation             | %       | 40       | +<br>- 5    | 39.71    |
| 4     | Evenness (Normal Mode) | %       | 8.5      | +<br>- 0.5  | 8.52     |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.52     |
| 6     | Oil pick up            | %       | 1.5      | +<br>- 0.1  | 1.30     |
| 7     | Nips                   | nos/mtr | 20       | +<br>- 3    | 20       |
| 8     | Cross Section          | ---     | Trilobal | ---         | Trilobal |

## Specifications: -40/24 Bright

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 40.5     | +<br>- 1.01 | 40.5     |
| 2     | Tenacity               | gpd     | 5.0      | +<br>- 0.4  | 5.04     |
| 3     | Elongation             | %       | 40       | +<br>- 5    | 40.81    |
| 4     | Evenness (Normal Mode) | %       | 1.6      | +<br>- 0.3  | 1.52     |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.55     |
| 6     | Oil pick up            | %       | 1.4      | +<br>- 0.1  | 1.25     |
| 7     | Nips                   | nos/mtr | 24       | +<br>- 3    | 25       |
| 8     | Cross Section          | ---     | Trilobal | ---         | Trilobal |

## Specifications: -44/24 Bright

| S.No. | Parameter              | Unit    | Value    | Limit    | Results  | Value    | Limit    | Results  |
|-------|------------------------|---------|----------|----------|----------|----------|----------|----------|
| 1     | Actual Denier          | ---     | 42.0     | +/- 1.05 | 42.1     | 44.8     | +/- 1.12 | 42.1     |
| 2     | Tenacity               | gpd     | 5.0      | +/- 0.4  | 4.69     | 4.8      | 0.4      | 4.78     |
| 3     | Elongation             | %       | 40       | +/- 5    | 41.22    | 40       | +/- 5    | 40.32    |
| 4     | Evenness (Normal Mode) | %       | 1.4      | +/- 0.3  | 1.4      | 1.4      | +/- 0.3  | 1.47     |
| 5     | Shrinkage              | %       | 8.5      | +/- 0.5  | 8.24     | 8.5      | +/- 0.5  | 8.34     |
| 6     | Oil pick up            | %       | 1.4      | +/- 0.1  | 1.72     | 1.4      | +/- 0.1  | 1.6      |
| 7     | Nips                   | nos/mtr | 24       | +/- 3    | 24       | 24       | +/- 3    | 24       |
| 8     | Cross Section          | ---     | Trilobal | ---      | Trilobal | Trilobal | ---      | Trilobal |

## Specifications: -50/10 Bright

| S.No. | Parameter              | Unit    | Value    | Limit    | Results  |
|-------|------------------------|---------|----------|----------|----------|
| 1     | Actual Denier          | ---     | 50.0     | +/- 1.25 | 50.0     |
| 2     | Tenacity               | gpd     | 5.0      | +/- 1.25 | 50.0     |
| 3     | Elongation             | %       | 40       | +/- 5    | 40.1     |
| 4     | Evenness (Normal Mode) | %       | 1.4      | +/- 0.3  | 1.34     |
| 5     | Shrinkage              | %       | 8.5      | +/- 0.5  | 8.79     |
| 6     | Oil pick up            | %       | 1.4      | +/- 0.1  | 1.2      |
| 7     | Nips                   | nos/mtr | 20       | +/- 3    | 20       |
| 8     | Cross Section          | ---     | Trilobal | ---      | Trilobal |

## Specifications: -60/48 Bright

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 60.5     | +<br>- 1.51 | 60.5     |
| 2     | Tenacity               | gpd     | 5.0      | +<br>- 0.4  | 5.00     |
| 3     | Elongation             | %       | 40       | +<br>- 5    | 43.6     |
| 4     | Evenness (Normal Mode) | %       | 1.6      | +<br>- 0.3  | 1.7      |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.4      |
| 6     | Oil pick up            | %       | 1.4      | +<br>- 0.1  | 1.43     |
| 7     | Nips                   | nos/mtr | 24       | +<br>- 3    | 25       |
| 8     | Cross Section          | ---     | Trilobal | ---         | Trilobal |

## Specifications: -60/24 Bright

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 60.5     | +<br>- 1.51 | 60.7     |
| 2     | Tenacity               | gpd     | 5.0      | +<br>- 0.4  | 4.94     |
| 3     | Elongation             | %       | 40       | +<br>- 5    | 39.64    |
| 4     | Evenness (Normal Mode) | %       | 1.6      | +<br>- 0.3  | 1.5      |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.72     |
| 6     | Oil pick up            | %       | 1.4      | +<br>- 0.1  | 1.23     |
| 7     | Nips                   | nos/mtr | 24       | +<br>- 3    | 26       |
| 8     | Cross Section          | ---     | Trilobal | ---         | Trilobal |

## Specifications: -70/24 Bright

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 69.5     | +<br>- 1.74 | 69.5     |
| 2     | Tenacity               | gpd     | 5.0      | +<br>- 0.4  | 4.95     |
| 3     | Elongation             | %       | 40       | +<br>- 5    | 40.15    |
| 4     | Evenness (Normal Mode) | %       | 1.3      | +<br>- 0.3  | 1.36     |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.65     |
| 6     | Oil pick up            | %       | 1.3      | +<br>- 0.1  | 1.41     |
| 7     | Nips                   | nos/mtr | 24       | +<br>- 3    | 25       |
| 8     | Cross Section          | ---     | Trilobal | ---         | Trilobal |

## Specifications: -20/36 Full Dull

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 22       | +<br>- 0.51 | 22.10    |
| 2     | Tenacity               | gpd     | 4.8      | +<br>- 0.4  | 4.8      |
| 3     | Elongation             | %       | 42       | +<br>- 5    | 40.35    |
| 4     | Evenness (Normal Mode) | %       | 1.8      | +<br>- 0.3  | 1.8      |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.46     |
| 6     | Oil pick up            | %       | 1.5      | +<br>- 0.1  | 1.5      |
| 7     | Nips                   | nos/mtr | 24       | +<br>- 3    | 24       |
| 8     | Cross Section          | ---     | Circular | ---         | Circular |

## Specifications: -20/24 Full Dull

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 20.5     | +<br>- 0.51 | 20.5     |
| 2     | Tenacity               | gpd     | 5.0      | +<br>- 0.4  | 5.14     |
| 3     | Elongation             | %       | 42       | +<br>- 5    | 43.53    |
| 4     | Evenness (Normal Mode) | %       | 1.7      | +<br>- 0.3  | 1.63     |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.45     |
| 6     | Oil pick up            | %       | 1.4      | +<br>- 0.1  | 1.25     |
| 7     | Nips                   | nos/mtr | 24       | +<br>- 3    | 26       |
| 8     | Cross Section          | ---     | Circular | ---         | Circular |

## Specifications: -28/10 Full Dull

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 29.0     | +<br>- 0.73 | 28.0     |
| 2     | Tenacity               | gpd     | 5.4      | +<br>- 0.4  | 5.2      |
| 3     | Elongation             | %       | 42       | +<br>- 5    | 42.51    |
| 4     | Evenness (Normal Mode) | %       | 1.3      | +<br>- 0.3  | 1.34     |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.72     |
| 6     | Oil pick up            | %       | 1.4      | +<br>- 0.1  | 1.35     |
| 7     | Nips                   | nos/mtr | 20       | +<br>- 3    | 20       |
| 8     | Cross Section          | ---     | Circular | ---         | Circular |

## Specifications: -28/24 Full Dull

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 29       | +<br>- 0.73 | 29.3     |
| 2     | Tenacity               | gpd     | 5.1      | + - 0.4     | 5.31     |
| 3     | Elongation             | %       | 42       | + - 5       | 43.14    |
| 4     | Evenness (Normal Mode) | %       | 1.8      | + - 0.3     | 1.81     |
| 5     | Shrinkage              | %       | 8.5      | + - 0.5     | 8.53     |
| 6     | Oil pick up            | %       | 1.4      | + - 0.1     | 1.35     |
| 7     | Nips                   | nos/mtr | 24       | + - 3       | 26       |
| 8     | Cross Section          | ---     | Circular | ---         | Circular |

## Specifications: -30/24 Full Dull

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 30.5     | +<br>- 0.76 | 30.5     |
| 2     | Tenacity               | gpd     | 5.1      | + - 0.4     | 5.16     |
| 3     | Elongation             | %       | 41       | + - 5       | 39.58    |
| 4     | Evenness (Normal Mode) | %       | 1.6      | + - 0.3     | 1.54     |
| 5     | Shrinkage              | %       | 8.5      | + - 0.5     | 8.45     |
| 6     | Oil pick up            | %       | 1.3      | + - 0.1     | 1.49     |
| 7     | Nips                   | nos/mtr | 24       | + - 3       | 25       |
| 8     | Cross Section          | ---     | Circular | ---         | Circular |

## Specifications: -30/36 Full Dull

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 31       | +<br>- 0.78 | 31.1     |
| 2     | Tenacity               | gpd     | 5.0      | + - 0.4     | 5.27     |
| 3     | Elongation             | %       | 40.0     | + - 5       | 40.33    |
| 4     | Evenness (Normal Mode) | %       | 1.7      | + - 0.3     | 1.70     |
| 5     | Shrinkage              | %       | 8.5      | + - 0.5     | 8.55     |
| 6     | Oil pick up            | %       | 1.4      | + - 0.1     | 1.50     |
| 7     | Nips                   | nos/mtr | 24       | + - 3       | 26       |
| 8     | Cross Section          | ---     | Circular | ---         | Circular |

## Specifications: -30/36 Semi Dull

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 30       | +<br>- 0.78 | 30.0     |
| 2     | Tenacity               | gpd     | 5.0      | + - 0.4     | 5.40     |
| 3     | Elongation             | %       | 40.0     | + - 5       | 39.43    |
| 4     | Evenness (Normal Mode) | %       | 1.6      | + - 0.3     | 1.54     |
| 5     | Shrinkage              | %       | 8.0      | + - 0.5     | 8.14     |
| 6     | Oil pick up            | %       | 1.4      | + - 0.1     | 1.54     |
| 7     | Nips                   | nos/mtr | 24       | + - 3       | 25       |
| 8     | Cross Section          | ---     | Circular | ---         | Circular |

## Specifications: -41/10 Full Dull

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 41.0     | +<br>- 1.03 | 41.1     |
| 2     | Tenacity               | gpd     | 5.2      | +<br>- 0.4  | 5.30     |
| 3     | Elongation             | %       | 42       | +<br>- 5    | 39.43    |
| 4     | Evenness (Normal Mode) | %       | 1.4      | +<br>- 0.3  | 1.54     |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.14     |
| 6     | Oil pick up            | %       | 1.4      | +<br>- 0.1  | 1.54     |
| 7     | Nips                   | nos/mtr | 20       | +<br>- 3    | 21       |
| 8     | Cross Section          | ---     | Circular | ---         | Circular |

## Specifications: -41/24 Full Dull

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 41       | +<br>- 1.03 | 41.2     |
| 2     | Tenacity               | gpd     | 5.0      | +<br>- 0.4  | 4.85     |
| 3     | Elongation             | %       | 40       | +<br>- 5    | 39.99    |
| 4     | Evenness (Normal Mode) | %       | 1.6      | +<br>- 0.3  | 1.49     |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.47     |
| 6     | Oil pick up            | %       | 1.3      | +<br>- 0.1  | 1.52     |
| 7     | Nips                   | nos/mtr | 24       | +<br>- 3    | 24       |
| 8     | Cross Section          | ---     | TRILOBAL | ---         | TRILOBAL |

## Specifications: -40/10 Full Dull

| S.No. | Parameter              | Unit    | Value    | Limit      | Results  |
|-------|------------------------|---------|----------|------------|----------|
| 1     | Actual Denier          | ---     | 40       | +<br>- 1.0 | 40.0     |
| 2     | Tenacity               | gpd     | 5.2      | +<br>- 0.4 | 5.10     |
| 3     | Elongation             | %       | 40       | +<br>- 5   | 40.33    |
| 4     | Evenness (Normal Mode) | %       | 1.4      | +<br>- 0.3 | 1.56     |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5 | 8.45     |
| 6     | Oil pick up            | %       | 1.4      | +<br>- 0.1 | 1.41     |
| 7     | Nips                   | nos/mtr | 21       | +<br>- 3   | 19       |
| 8     | Cross Section          | ---     | Circular | ---        | Circular |

## Specifications: -70/36 Full Dull

| S.No. | Parameter              | Unit    | Value    | Limit       | Results  |
|-------|------------------------|---------|----------|-------------|----------|
| 1     | Actual Denier          | ---     | 70       | +<br>- 1.75 | 70.0     |
| 2     | Tenacity               | gpd     | 5.1      | +<br>- 0.4  | 5.28     |
| 3     | Elongation             | %       | 42       | +<br>- 5    | 44.67    |
| 4     | Evenness (Normal Mode) | %       | 1.7      | +<br>- 0.3  | 1.52     |
| 5     | Shrinkage              | %       | 8.5      | +<br>- 0.5  | 8.38     |
| 6     | Oil pick up            | %       | 1.3      | +<br>- 0.1  | 1.22     |
| 7     | Nips                   | nos/mtr | 24       | +<br>- 3    | 25       |
| 8     | Cross Section          | ---     | Circular | ---         | Circular |