

A1相当サイズ

Hexagonal Mesh Pocket Net

Features

- ① Design
- ② Versatile

Application

- ① Mesh laundry bags
- ② Shoe back mesh
- ③ Interior accessories
- ④ Office supplies



Test data

| [Calculation of tensile strength]                                                  |                                                  |       |          |        |       |       |            |      |      |      |      |         | Sample 2-1 Tortoiseshell mesh pocket net rotative direction grabbing method (7pcs./5cm) |                            |                          |  |  |  |  |  |  |  |  |  |  | Standard<br>3.734969879<br>3.193743885 | [Net specification] |          |      |  |
|------------------------------------------------------------------------------------|--------------------------------------------------|-------|----------|--------|-------|-------|------------|------|------|------|------|---------|-----------------------------------------------------------------------------------------|----------------------------|--------------------------|--|--|--|--|--|--|--|--|--|--|----------------------------------------|---------------------|----------|------|--|
| Measured value                                                                     | 1                                                | 2     | 3        | 4      | 5     | 6     | 7          | 8    | 9    | 10   | 11   | Average | Item                                                                                    | Product name               | Tortoiseshell pocket net |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Strength (max100)                                                                  | 62.0                                             | 56.0  | 53.0     | 53.0   | 54.5  |       |            |      |      |      |      | 55.7    | Weaving structure                                                                       | Single Raschel             |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Elongation (mm)                                                                    | 89.0                                             | 90.0  | 92.0     | 86.0   | 84.0  |       |            |      |      |      |      | 88.2    | Mechanical Knitting                                                                     | 150inch                    |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Full scale (N)                                                                     | 2500                                             |       |          | N      |       | kgf   |            | %    |      |      |      |         | Gauge                                                                                   | 14G                        |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Grip gap (mm)                                                                      | 200                                              |       | Strength | 1392.5 | 1393  | 142.0 | Elongation | 44.1 |      |      |      |         | Thread type                                                                             | Polyester                  |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| [Calculation of tensile strength]                                                  |                                                  |       |          |        |       |       |            |      |      |      |      |         | Sample 2-1 Tortoiseshell pocket net cross direction grabbing method (4pcs./5cm)         |                            |                          |  |  |  |  |  |  |  |  |  |  | Standard<br>1.509304476<br>8.706319544 | Longitudinal thread | 280T×4   |      |  |
| Measured value                                                                     | 1                                                | 2     | 3        | 4      | 5     | 6     | 7          | 8    | 9    | 10   | 11   | Average | Insertion from horizontal direction                                                     |                            |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Strength (max100)                                                                  | 33.6                                             | 33.6  | 36.5     | 33.4   | 36.2  |       |            |      |      |      |      | 35.1    |                                                                                         |                            |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Elongation (mm)                                                                    | 131.0                                            | 120.0 | 108.0    | 126.0  | 118.0 |       |            |      |      |      |      | 120.6   |                                                                                         |                            |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Full scale (N)                                                                     | 2500                                             |       |          | N      |       | kgf   |            | %    |      |      |      |         |                                                                                         |                            |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Grip gap (mm)                                                                      | 200                                              |       | Strength | 878.5  | 879   | 89.6  | Elongation | 60.3 |      |      |      |         |                                                                                         |                            |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| [Calculation of tensile strength]                                                  |                                                  |       |          |        |       |       |            |      |      |      |      |         | Sample 2-1 Tortoiseshell pocket net oblique direction Snagging                          |                            |                          |  |  |  |  |  |  |  |  |  |  | Standard<br>3.873006819                | Stitch dimension    | Vertical | 10mm |  |
| Measured value                                                                     | 1                                                | 2     | 3        | 4      | 5     | 6     | 7          | 8    | 9    | 10   | 11   | Average | Horizontal                                                                              | 8mm                        |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Strength (max100)                                                                  | 70.5                                             | 72.2  | 66.4     | 67.0   | 65.2  | 70.0  | 69.0       | 74.5 | 75.0 | 68.6 | 77.4 | 70.5    |                                                                                         |                            |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Elongation (mm)                                                                    |                                                  |       |          |        |       |       |            |      |      |      |      |         |                                                                                         |                            |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Full scale (N)                                                                     | 250                                              |       |          | N      |       | kgf   |            | %    |      |      |      |         |                                                                                         |                            |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Grip gap (mm)                                                                      | 200                                              |       | Strength | 176.3  | 176   | 18.0  | Elongation |      |      |      |      |         | Thickness                                                                               | Vertical                   | 1.1mm                    |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Grab method JIS L1018 Grab method                                                  |                                                  |       |          |        |       |       |            |      |      |      |      |         | Test results<br>Tortoiseshell mesh pocket net                                           | Horizontal                 | 1.1mm                    |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Test strength Standard elongation form                                             |                                                  |       |          |        |       |       |            |      |      |      |      |         |                                                                                         | Intersection point         | 1.23mm                   |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Tensile speed: 20 cm./min.                                                         |                                                  |       |          |        |       |       |            |      |      |      |      |         |                                                                                         | Weight (g/m <sup>2</sup> ) | 204g                     |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Test value: 40cm                                                                   |                                                  |       |          |        |       |       |            |      |      |      |      |         |                                                                                         | Shading efficiency         |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Grip gap: 20 cm                                                                    |                                                  |       |          |        |       |       |            |      |      |      |      |         |                                                                                         |                            |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Grip width: 5 cm                                                                   | Wales direction (7pcs.) Course direction (4pcs.) |       |          |        |       |       |            |      |      |      |      |         |                                                                                         |                            |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
| Grabbing strength (3 knots in the grabbing) (rotation direction) (cross direction) |                                                  |       |          |        |       |       |            |      |      |      |      |         | Tensile strength (kN)                                                                   |                            | Elongation range (%)     |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
|                                                                                    |                                                  |       |          |        |       |       |            |      |      |      |      |         | 139.0                                                                                   |                            | 44.1                     |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
|                                                                                    |                                                  |       |          |        |       |       |            |      |      |      |      |         | 879                                                                                     |                            | 60.3                     |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |
|                                                                                    |                                                  |       |          |        |       |       |            |      |      |      |      |         | 176                                                                                     |                            |                          |  |  |  |  |  |  |  |  |  |  |                                        |                     |          |      |  |