

**Kizuna Artisan**

COMMERCIAL SPECIFICATION

| GENERAL         |                       |
|-----------------|-----------------------|
| Weight          | 12 OZ/YD <sup>2</sup> |
| Width           | 59 inch               |
| Roll Length     | 32.9 yd               |
| Composition     | PVC                   |
| Openness factor | 3.0%                  |

| BACKING     |                       |
|-------------|-----------------------|
| Descripción | SOLUTION DYED ACRYLIC |

| SUSTAINABLE PRODUCT PROFILE |         |
|-----------------------------|---------|
| ATTRIBUTES                  |         |
| Phatalate Free              | Pending |

| SUSTAINABLE MANUFACTURING CERTIFICATIONS | COMPLIANCES |
|--|-------------|
|  |             |

| ADDITIONAL TESTS   |                         |  |                  |
|--|-------------------------|--|------------------|
| Tensile Strength Test - ISO 13934-1                            |                         | Elongation At Break Test - ISO 13934-1                   |                  |
| daN  | Warp                    | 165  | %                |
|  | Fill                    | 185  |                  |
| Elongation I Test -  |                         | Tear Strength Test - EN ISO 13937-3                      |                  |
|  | Warp                    |  | daN              |
|  | Fill                    |  |                  |
| Seam Strength Test - ISO 13935-2                               |                         | Adhesion Test - EN ISO 2411                              |                  |
| daN  | Warp                    | 28   |                  |
|  | Fill                    | 29   |                  |
| Abrasion Resistant III Test - UNE - EN ISO 12947-2             |                         | UV stability Test  |                  |
| MARTINDALE   |                         | ≥ 100.000 cycles   | Xenotest         |
| Spray Test   |                         | Color Fastness To Domestic Or Commercial Laundering Test |                  |
| ≥ 70   | EN ISO 4920             | 5  | EN ISO 105 - C06 |
| Color Fastness To Rubbing Test                                 |                         | Color Fastness To Sea Water Test                         |                  |
| 5  | EN ISO 105 - X12        | Wet / Dry  | ≥ 4/5            |
| Color Fastness To Chlorinated Water Test                       |                         | Pilling Test   |                  |
| ≥ 3/5  | EN ISO 105 - E03 : 2010 | 4 - 5 (A)  | EN ISO 12945 - 2 |
| Determination Of Dimensional Change In Washing And Drying Test |                         | Thermal Limits Test                                      |                  |
| ±0.5 %   | EN ISO 5077             | -22°F/+176°F -30°C/+80°C                                 | EN 1876 - 1      |
| Mold Resistance Test   |                         | Elongation Under Constant Load Test                      |                  |
| 0: No growth   | AATCC 30 - III : 2017   | <1%  | PAL - 23         |
| Method B: No growth  | ISO 846 2019            |  |                  |

| FLAME RETARDANCY      |      |   |      |
|-----------------------|------|---|------|
| EU:EN 1021 Part 1 & 2 | Pass | US:CAL TB 117   | Pass |
| DE:DIN 4102           | B2   | EU/US:IMO Res. MSC.307 (88)<br>(FTP 2010 Code) Annex 1 Part 8 | Pass |

## SPRADLING®

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#### FLAME RETARDANCY

This term and any corresponding data refer to the typical performance in the specific tests indicated and should not be construed to imply the behavior of this or any other material under actual fire conditions.

#### OTHER ATTRIBUTES

|           |      |               |      |
|-----------|------|---------------|------|
| PFAS FREE | Pass | Fluorine Free | Pass |
|-----------|------|---------------|------|

Note: The data correspond to minimum results of the statistical analysis. The information included in the specification is subject to change. The indicated data corresponding to the material's physical characteristics are results of test conducted under standard procedures and are subject to variation. We therefore recommend our customers to evaluate the material with regard to the specific requirements and application(s) before specifying. For additional information, please contact your sales representative. These terms and any corresponding data refer to the typical performance in the specific tests indicated and should not be construed to imply the behavior of this or any other material under actual fire conditions. Spradling group does not assume any responsibility for any damages resulting from improper applications. Spradling group does not guarantee exact color matches as slight variations in production and stock may occur, as such lot separations is suggested. Spradling group reserves the right to modify technical sheets without notification.

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Conscious of our impact. Designed for the long run. We are  BY SPRADLING

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