

Productname:

WOVEN ARAMID FABRIC

## BN-AA170T

Statistic code: Textile 100% Aramid. Custom code: 5407.1000

### CONSTRUCTION

|                                      | Warp or 0° direction                 | 2nd warp or 30°,45° or 60° direction |
|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Material:</b>                     | <i>Para-aramid High Strength</i>     | -                                    |
| <b>Applied yarns:</b>                | TWARON 2200-1210                     | N/A                                  |
| <b>Density of the yarns:</b>         | 121Tex 1,45 g/cm <sup>3</sup>        | - g/cm <sup>3</sup>                  |
| <b>Picks/cm, gram/m<sup>2</sup>:</b> | 6,7 /cm 85 gram/m <sup>2</sup> +/-5% | 0,0 /cm gram/m <sup>2</sup>          |
| <b>Tensile strength:</b>             | 180 N/ya Modules: 118 Gpa2,65 %@BR   | - Modules: - %@BR                    |

Orientation:

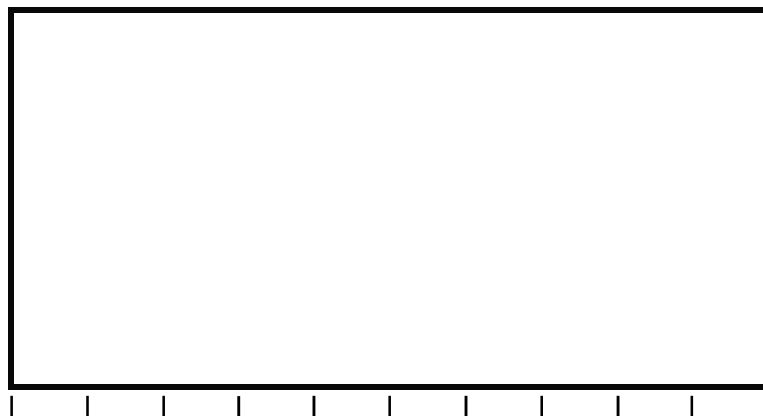
#### Weft or 90° direction

|                                  |                        |                        |
|----------------------------------|------------------------|------------------------|
| <i>Para-aramid High Strength</i> |                        |                        |
| TWARON 2200-1210                 |                        |                        |
| 121Tex                           |                        | 1,45 g/cm <sup>3</sup> |
| 6,7 /cm                          | 85 gram/m <sup>2</sup> | +/-5%                  |
| 180 N/ya                         | Modules: 118 Gpa       | 2,65 %@BR              |

#### -30°,-45° or -60° direction

|     |                     |                   |
|-----|---------------------|-------------------|
| -   |                     |                   |
| N/A |                     |                   |
| -   |                     | g/cm <sup>3</sup> |
| /cm | gram/m <sup>2</sup> |                   |
| -   | Modules: -          | %@BR              |

Orientation:



|                      |           |                             |         |
|----------------------|-----------|-----------------------------|---------|
| <b>Weight:</b>       | 170       | g/m <sup>2</sup> (UNI 5114) | +/- 5%  |
| <b>Thickness:</b>    | 0,25      | mm                          | +/- 15% |
| <b>Construction:</b> | Twill 2/2 |                             |         |

### ADDITIONAL INFORMATION

|                     |            |
|---------------------|------------|
| <b>Finish:</b>      | Loomstate  |
| <b>Resin:</b>       | N/A        |
| <b>Application:</b> | Composites |
| <b>Remarks:</b>     |            |



- TECHNICAL TEXTILES
- STRUCTURAL ADHESIVES
- RELEASE AGENTS
- PREPREG / CARBONFIBER
- BALLISTIC PROTECTION



Date of Data input: 11-feb-09 Revision nr: REV002 Date of revision: 15-feb-19

This information is property of BNS industrial BV and corresponds to the present knowledge without any legal binding. The values of the properties of cured material may change due to processing conditions. Modifications due to technical progress or commercial policy change are possible. The values mentioned are indicative.