

Australieweg 20A NL-4561PD Hulst The Netherlands Tel. +31(0)114-311100 www.bnsindustrial.com

Productname:

WOVEN CARBON FABRIC

## BN-CC402T

Statistic code: Textile 100% Carbon: 6815-1010

### CONSTRUCTION

	Warp or 0° direction	2nd warp or 30°,45° or 60° direction
<b>Material:</b>	<b>Carbon High Strength</b>	
<b>Applied yarns:</b>	TORAY T700S-12K	
<b>Density of the yarns:</b>	12K - 800Tex 1,8 g/cm <sup>3</sup>	g/cm <sup>3</sup>
<b>Picks/cm, gram/m<sup>2</sup>:</b>	2,5 /cm 200 gram/m <sup>2</sup>	/cm gram/m <sup>2</sup>
<b>Tensile strength:</b>	4900 Mp Modules: 230 Gpa 2,1 %@BR	Modules: %@BR

Orientation:

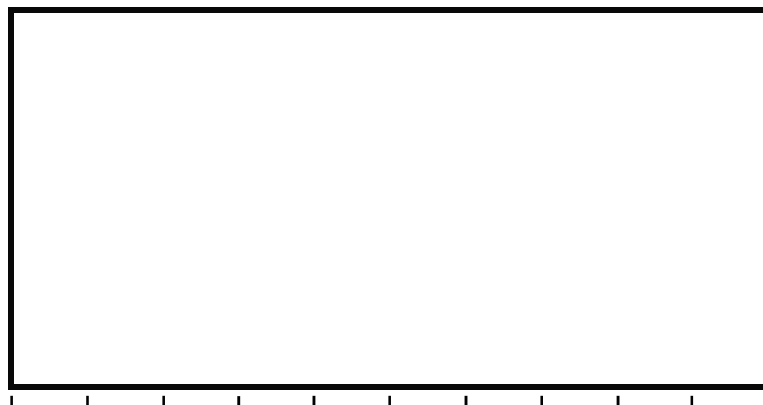
### Weft or 90° direction

<b>Material:</b>	<b>Carbon High Strength</b>
<b>Applied yarns:</b>	TORAY T700S-12K
<b>Density of the yarns:</b>	12K - 800Tex 1,8 g/cm <sup>3</sup>
<b>Picks/cm, gram/m<sup>2</sup>:</b>	2,5 /cm 200 gram/m <sup>2</sup>
<b>Tensile strength:</b>	4900 Mp Modules: 230 Gpa 2,1 %@BR

### -30°,-45° or -60° direction

<b>Material:</b>	<b>Carbon High Strength</b>
<b>Applied yarns:</b>	TORAY T700S-12K
<b>Density of the yarns:</b>	12K - 800Tex 1,8 g/cm <sup>3</sup>
<b>Picks/cm, gram/m<sup>2</sup>:</b>	2,5 /cm 200 gram/m <sup>2</sup>
<b>Tensile strength:</b>	4900 Mp Modules: 230 Gpa 2,1 %@BR

Orientation:



<b>Weight:</b>	400	g/m <sup>2</sup> (UNI 5114)	+/- 5%
<b>Thickness:</b>	0,51	mm	+/- 15%
<b>Construction:</b>	Twill 2/2		

### ADDITIONAL INFORMATION

**Finish:** Loomstate

**Resin:** N/A

**Application:** Composites

**Remarks:** \*Measured on the yarn



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



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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.