

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

Productname:

MULTI-AXIAL CARBON FABRIC

BN-CC204BX-45/45

Statistic code: Textile 100% Carbon: 6815-1010

CONSTRUCTION

	Warp or 0° direction	2nd warp or 30°,45° or 60° direction
Material:	Polyester	Carbon High Strength
Applied yarns:	POLYESTER Stitch	TORAY Panex 35
Density of the yarns:	7,6Tex g/cm ³	50K - 3300Tex 1,81 g/cm ³
Picks/cm, gram/m²:	/cm 5 gram/m ²	/cm 100 gram/m ²
Tensile strength:	N/A Modules: N/A %@BR	4137 Mp Modules: 242 Gpa 2 %@BR

Orientation: 45

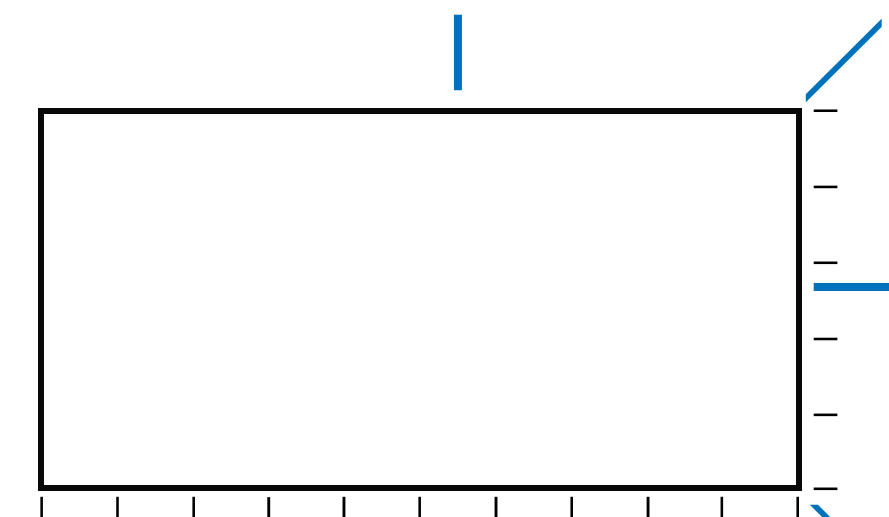
Weft or 90° direction

			g/cm ³
/cm	gram/m ²		
	Modules:		%@BR

-30°,-45° or -60° direction

			g/cm ³
/cm	100 gram/m ²		
4137 Mp	Modules: 242 Gpa		2 %@BR

Orientation: -45



Weight: 205 g/m² (UNI 5114) +/- 5%

Thickness: mm

Construction: Biaxial (Pilar stitch)

ADDITIONAL INFORMATION

Finish: Loomstate, Stitch Length: 2,6 mm (PES 76 dtex)

Resin: N/A

Application: Composites

Remarks: *Measured on the yarn - Standard Width 127CM or 254CM. Tensile modules is 242 Gpa.



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



Date of Data input: 26-mei-12 Revision nr: REV003 Date of revision: 19-jul-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.