

Productname:

UNIDIRECTIONAL CARBON

BN-C80UD

Statistic code: Carbon Textile-84% Carbon and 16% TP: 6815-1010

CONSTRUCTION

	Warp or 0° direction	2nd warp or 30°,45° or 60° direction
Material:	<i>Para-aramid High Strength</i>	<i>Black Triaxial Net + PA web</i>
Applied yarns:	MITSUBISHI GRAFIL TR50S-15K	Structural Net + Adhesive
Density of the yarns:	15K g/cm ³	N/A g/cm ³
Picks/cm, gram/m²:	0,7 /cm 66 gram/m ²	/cm 13 gram/m ²
Tensile strength:	4900Mpa Modules: 240Gpa %@BR	N/A Modules: N/A %@BR

Orientation: 0

Weft or 90° direction

/cm	gram/m ²	g/cm ³
Modules:		%@BR

-30°,-45° or -60° direction

/cm	gram/m ²	g/cm ³
Modules:		%@BR

Orientation:

Weight:	79	g/m ² (UNI 5114)	+/- 5%
Thickness:	0,07	mm	+/- 2,5%
Construction:	UD		

ADDITIONAL INFORMATION

Finish:	Loomstate
Resin:	Resin compatible PA web
Application:	Unidirectional Carbon Tape for Composites and sport goods
Remarks:	*Measured on the yarn.



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



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