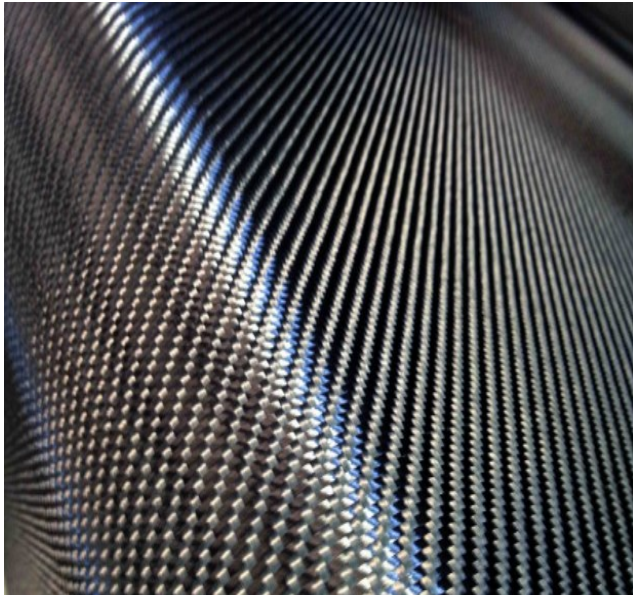


Product information

Carbon fabric

Plain weave / twill weave



Description:

In spite of a relatively low specific weight carbon- and hybrid fibers (carbon filament yarns) offer high strength and rigidity.

Chemically they are widely inert, electrically conducting, thermally stable, unmeltable, bio compatible and permeable for X-rays.

The fiber structure is similar to graphite.

Available in twill 2/2 resp. plain weave.

Quality characteristics:

High strength and high rigidity • chemically widely inert • electrically conductive • thermally stable • unmeltable • bio compatible and permeable for X-rays.

Technical characteristics (target values):

	Unit	C 160 view	C 200 view	GG 200 T view	C 240 view	GG 240 T view
Square weight	g/m ²	163	200	193	240	240
Thread count warp	per cm	4	5	4,8	6	6
Thread count weft	per cm	4	5	4,8	6	6
Fiber producer		Toray	Toray	Toray	Toray	Toray
Warp yarn		3K (200tex)	3K (200tex)	3K (200tex)	3K (200tex)	3K (200tex)
Weft yarn		3K (200tex)	3K (200tex)	3K (200tex)	3K (200tex)	3K (200tex)
Thickness (dry)	mm	0,2	0,3	0,3	0,38	0,38
Binding		plain or twill 2/2	plain or twill 2/2	twill 2/2	plain or twill 2/2	twill 2/2
Deliverable width standard	cm	100	100	100	100	100
Roll length standard	m	100	100	100	100	100