

DATA SHEET

SYNTHETIC GRASS
TYPE 42/20

Performance

Engineered for football

Resilience and
resistance

Colors

Bicolor
Fieldgreen - Olive

Packaging

width
4,00-3,85 mlength
on
request

Accessories

Playing lines (50, 75 and 100
mm wide) available in 50m rolls

Available colours

white - yellow - blue

Glue

Stauff - IBOLA R 202
(cf. data sheet)

Seamingtape

147 g/m² (cf. data sheet)

FIELDTURF OPTIMUM 42-20

Uses

Football

Yarn characteristics

Composition	Polyethylene
Structure	straight monofilament with wrapping yarn
dTex	12000 ± 10%
Thickness	240 Microns
Width	1,4 mm
Number of yarns	6
Tensile strength	12 N
Elongation at break	32 %

Tuft characteristics

Tufting	Straight	
Gauge	5/8°	15,9 mm
Pile height	42 mm	± 5%
Number of stitches	20	± 10%
Pile weight	1346 g/m ²	± 10%
Tufts per sqm	12598	± 10%

Backing characteristics

Primary backing	Polypropylene	
Style	Weaving	
Weight per unit	260 g/m ²	
Secondary backing	None	
Style	-	
Weight per unit	-	
Type of coating	Butadiene styrene	
Coating weight	900 g/m ²	± 15%
Total backing weight	1160 g/m ²	± 10%
Total carpet weight	2506 g/m²	± 10%

Infill standards *

Reference	Standard	Document
Europe	FIFA	13985/4190
Europe	EN 15 330-1	0
France	NF P90-112	0

* see test reports for infill detailed specifications

