



JOHN DEERE LANDSCAPES

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PRODUCT NAME

G410A

Short Bright Elite Synthetic Turf

MATERIALS

Primary Yarn Polymer	Polyethylene
Yarn Cross Section	Diamond Monofilament
Standard Color	Field Green/Lime Green
UV Stabilized	Yes
Fabric Construction	Tufted
Secondary Yarn Polymer Thatch	100% Polypropylene
Secondary Yarn Color	Turf Green
Primary Backing	13 Pic Woven (2)
Coating Type	Biocel™ Polyurethane
Polyethylene Yarn Denier / Ends	10,600/6
Texturized Thatch Denier / Ends	4200/8
Sustainability	100% Recyclable
Warranty Period	8 years

Finish Fabric	English System		Metric System		ASTM Test F-1551
Nominal Specification	Value	Units	Value	Units	Method
Pile Height (Nominal)	1 1/2	inches	3.81	cm	D-5823
Face Weight	43	oz/yd ²	1423	g/m ²	D-5848
Total Fabric Weight	70	oz/yd ²	2317	g/m ²	D-5848
Primary Backing Weight	7	oz/yd ²	232	g/m ²	D-5848
Secondary Coating Weight	20	oz/yd ²	662	g/m ²	D-5848
Tuft Bind	>8	lbs.	>3.63	kg	D-1335
Grab Tear Strength (Average)	>200	lbs.	>91	kg.	D-5034
Lead Content	<50	ppm	<50	ppm	F-2765
Total Yarn Linear Density	14,800	Denier	16280	dtex	D-1577
Elongation to Break	>60	%	>60	%	D-2256
Yarn Breaking Strength	>19	lbs.	>8.62	kg	D-2256
Yarn Melting Point	248	F°	120	C°	D-7138
Stitch Rate	3.3	inches	8.382	cm	D-5793
Machine Gauge	1/2	inches	1.27	cm	D-5793
Flammability	Test Passed		Test Passed		D-2859
Water Permeability	>30	in/hr	>76.2	cm/hr	DIN 18-035
Fiber Thickness (Primary / Secondary)	3.9	mils	100	microns	D-3218
Fabric Width	15	ft	4.6	m	None

Note: Any change from the specified values is considered a special product that will require confirmation from manufacturing. All values are ± 5%.