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PRODUCT NAME

PGPN

Playground Soft Synthetic Turf

MATERIALS

Primary Yarn Polymer	Polyethylene
Yarn Cross Section	Web Slit Film
Standard Color	Field Green
UV Stabilized	Yes
Fabric Construction	Tufted
Secondary Yarn Polymer Thatch	Nylon
Secondary Yarn Color	Turf Green
Primary Backing	13 Pic Woven (2)
Coating Type	5 Mil Biocel™ Polyurethane Cushion
Polyethylene Yarn Denier / Ends	8040/1
Texturized Thatch Denier / Ends	4200/8
Sustainability	100% Recyclable
Warranty Period	9 years

Finish Fabric	English System		Metric System		ASTM Test F-1551
<i>Nominal Specification</i>	<i>Value</i>	<i>Units</i>	<i>Value</i>	<i>Units</i>	<i>Method</i>
Pile Height (Nominal)	1	inches	2.54	cm	D-5823
Face Weight	58	oz/yd ²	1920	g/m ²	D-5848
Total Fabric Weight	123	oz/yd ²	4071	g/m ²	D-5848
Primary Backing Weight	7	oz/yd ²	232	g/m ²	D-5848
Secondary Coating Weight	58	oz/yd ²	1920	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	12,240	Denier	13464	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	6.7	inches	17.018	cm	D-5793
Machine Gauge	3/16	inches	0.47625	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%.