



<b>PROJECT NAME</b>	
<b>CODE</b>	<b>AP33R</b>
<b>PRODUCT DESCRIPTION</b>	<b>ASTROPLAY</b>

<b>MATERIALS</b>	<b>IDENTIFICATION</b>
PRIMARY YARN POLYMER	POLYETHYLENE
YARN CROSS-SECTION	SLIT-FILM (Primary)
STANDARD COLOR	FIELD GREEN
UV STABILIZED	YES
FABRIC CONSTRUCTION	TUFTED
SECONDARY YARN POLYMER [THATCH ZONE™]	100 % NYLON (Secondary)
SECONDARY YARN COLOR	GREEN
PRIMARY BACKING	[2] 13/ PIC/5 PIC WOVEN
COATING TYPE	BIOCEL™ POLYURETHANE
POLYETHYLENE YARN DENIER	12,500
TEXTURED NYLON DENIER [THATCH ZONE™]	4200

<b>FINISH FABRIC</b>	<b>ENGLISH SYSTEM</b>		<b>METRIC SYSTEM</b>		<b>ASTM TEST F-1551</b>
	VALUE	UNITS	VALUE	UNITS	METHOD
NOMINAL SPECIFICATION	VALUE	UNITS	VALUE	UNITS	METHOD
Pile Height (nominal)	2.25	Inches	55	mm	D-5823
Face Weight	44	Oz/Yd <sup>2</sup>	1,491	g/m <sup>2</sup>	D-5848
Total Fabric Weight	74	Oz/Yd <sup>2</sup>	2,508	g/m <sup>2</sup>	D-5848
Primary Backing Weight	8	Oz/Yd <sup>2</sup>	271	g/m <sup>2</sup>	D-5848
Secondary Coating Weight	22	Oz/Yd <sup>2</sup>	746	g/m <sup>2</sup>	D-5848
Tuft Bind	>8	Lbs	>3.6	kg	D-1335
Grab Tear Strength [Average]	>200	Lbs	>91	kg	D-2256
Total Yarn Liner Density	16,700	Denier	18,370	D-Tex	D-1577
Elongation To Break	>30	%	>30	%	D-5034
Yarn Breaking Strength	>20	Lbs to Break	9.1	kg to Break	D-5034
Yarn Melting Point	248	F°	120	C°	D-789
Stitch Rate		Inch		cm	D-5793
Machine Gauge	3/8	Inch	0.95	cm	D-5793
Flammability	PASS		PASS		D-2859
Water Permeability W/infill	>30	Inches/hr	76.2	Cm/hr	F-1551
Fiber Thickness (Primary/Secondary)	3.9/3.5	mils	100/90	microns	D-3218
Fabric Width	15	Ft	4.6	M	None

Note 1 Any change from the specified values is considered a special product that will require confirmation from manufacturing

Note 2 All values are ± 5%.

