



**shawgrass**  
a synthetic turf system

## Elevate 35 NY 5mm

316SG

Yarn Description	Nylon
Melt Point	220° C
Linear Density (Denier)*	4,400
Specific Gravity	1.15 g/cc
Thickness	100 microns
Yarn Break Strength	20 lb-F
Yarn Elongation	50%
Total Lead Content	< 100 ppm
Total Weight***	121 oz/yd <sup>2</sup>
Pile Weight*	35 oz/yd <sup>2</sup>
Primary Backing Weight*	6 oz/yd <sup>2</sup>
Secondary Backing Weight**	80 oz/yd <sup>2</sup>
Average Pile Height*	0.5"
Colors	Field Green
Average Tuft Bind Strength	as required
Average Breaking Strength	> 150 lb-F
Stitches Per Inch	as needed
Gauge	3/16
Pill Flammability	8 of 8 pass
Abrasive Index	< 40
Infiltration Rate	> 14 in / hr
Football Shoe Traction (Dry)	Initiate 1.4 Slide 0.9
Football Shoe Traction (Wet)	Initiate 1.4 Slide 0.9
Soccer Shoe Traction (Dry)	Initiate 1.4 Slide 0.9
Soccer Shoe Traction (Wet)	Initiate 1.4 Slide 0.9
Average Soccer Ball Rebound	> 0.6 m
Average G-Max	< 200

Except where noted as a minimum or maximum, the above specifications are nominal.

\*All values are ± 5% \*\*All values are ± 3 oz/yd<sup>2</sup>

Revision: 010920