



MONDOTURF CLASSIC MF 4560 DL

Application: Football/Soccer

TECHNICAL DATA

Revision # 12 of 04/01/2010

	TEST METHOD	IMPERIAL UNITS		METRIC UNITS	
		UNIT	AVERAGE VALUES FROM MANUFACTURING CONTROLS	UNIT	AVERAGE VALUES FROM MANUFACTURING CONTROLS
FIBER					
Pile Yarn Type	-	-	Extruded Monofilament	-	Extruded Monofilament
Pile Yarn Composition	-	-	UV-stabilized Polyethylene	-	UV-stabilized Polyethylene
Linear Density	ASTM D1577-01	Denier	11000 ± 5%	Denier	11000 ± 5%
Fibers per Tuft	-	-	8	-	8
Thickness of One Turf Yarn	ASTM D1777-96	μ	200 ± 5%	μ	200 ± 5%
Yarn Melting Point	ASTM D789-98	degrees C	≥ 120° C	degrees C	≥ 120° C
Tensile Strength on One Turf Yarn	ASTM D2256-97	lbs	≥ 20	N	≥ 89
Elongation on One Turf Yarn	ASTM D2256-97	%	≥ 50	%	≥ 50
FABRIC					
Pile Height	ASTM D418-93	inches	2 3/8 ± 5%	mm	60 ± 5%
Pile Weight	ASTM D5848-05	oz/yd ²	45 ± 5%	gr/m ²	1526 ± 5%
Primary Backing Type	-	-	3-layers	-	3-layers
Primary Backing Weight	ASTM D5848-05	oz/yd ²	≥ 8	gr/m ²	≥ 271
Secondary Backing Type	-	-	Polyurethane	-	Polyurethane
Secondary Backing Weight (Average)	ASTM D5848-05	oz/yd ²	≥ 25	gr/m ²	≥ 848
Total Weight	ASTM D5848-05	oz/yd ²	≥ 78	gr/m ²	≥ 2645
Tufting Gauge	-	inches	1/2	inches	1/2
Stitch Rate	-	tufts/3 inch	8 3/4 ± 5%	tufts/m ²	9042 ± 5%
Tuft Bind	ASTM D1335-98	lbs	≥ 9	N	≥ 40
Grab Tensile of Textile Fabrics (L)	ASTM D5034-95	lbs/force	≥ 250	N	≥ 1112
Grab Tensile of Textile Fabrics (W)	ASTM D5034-95	lbs/force	≥ 200	N	≥ 890
Perforation	-	inches	3/16" Holes 2" x 2 1/8"	mm	4.7 Holes 50x 76
Roll Length	-	foot	Upon request	mt	Upon request
Roll Width	-	foot	12 and 15	mt	3.65 and 4.56
INFILL					
Top Layer - Infill Type	-	-	Reground Tire Granule	-	Reground Tire Granule
Top Layer - Particle Size	-	US Sieve	10 to 20	mm	0.8 to 2.0
Top Layer - Density of Granules	-	lb/ft ³	62 ± 10%	g/cm ³	1 ± 10%
Top Layer - Quantity	-	lbs/ft ²	3.0 ± 10%	Kg/m ²	14.6 ± 10%
Bottom Layer - Infill Type	-	-	Sand	-	Sand
Bottom Layer - Particle Size	-	US Sieve	20 to 40	mm	0.4 to 0.8
Bottom Layer - Quantity	-	lbs/ft ²	4.5 ± 10%	Kg/m ²	22 ± 10%
SYSTEM					
Total Weight	-	lbs/ft ²	≥ 8	Kg/m ²	≥ 39
Flame Resistance	ASTM D2859-04	-	Pass	-	Pass
Water Permeability	DIN 18-035, Part 6	Inches/hr	≥ 35	mm/hr	≥ 889
Abrasive Index	ASTM F1015	-	≤ 30	-	≤ 30
Impact Attenuation (Initial)	ASTM F355-95	Gmax	≤ 135	Gmax	≤ 135