

PRODUCT  
TECHNICAL  
SPECIFICATION

# Playfoot Mundial 40

PFML-40

April, 2010

Property	Value	Units	ASTM
Pile Yarn Type	UV-resistant polyethylene		n/a
Yarn Structure	Straight Monofilament		n/a
Yarn Denier	9000	Denier	D1577
Yarn Breaking Strength	24 nominal	lbs	D2256
Yarn Maximum Elongation	40% nominal		D2256
Tape Thickness	>150	Microns	D3218
Pile Height	1.6	inches	D5823
Pile Weight	25	oz/yd <sup>2</sup>	D5848
Primary Backing Weight	>7	oz/yd <sup>2</sup>	D5848
Secondary Backing Weight	18-20	oz/yd <sup>2</sup>	D5848
Total Weight	50	oz/yd <sup>2</sup>	D5848
Stitch Gauge	3/4 inch centers		D5793
Tuft Bind	9	lbs/force	D1335
Grab Tear Length	>200	lbs/force	D5034
Grab Tear Width	>200	lbs/force	D5034
Pill Burn Test	Pass		D2859
Yarn Melting Point	250	Degrees F	D789
Impact Attenuation (Gmax)	<200	G-Max	F1936
Water Permeability	>40	inch/hour	DIN 18-035
Total Depth of Infill Material	1.1	inches	n/a
SBR Rubber Infill	1.7	lbs/ft <sup>2</sup>	n/a
Silica Sand Infill	2.5	lbs/ft <sup>2</sup>	n/a