

PRODUCT  
TECHNICAL  
SPECIFICATION

# Duraspine PRO

## FTOMP-2

April, 2010

Property	Value	Units	ASTM
Pile Yarn Type	UV-resistant polyethylene		n/a
Yarn Structure	Spined monofilament		n/a
Yarn Denier	11111	DTex	D1577
Yarn Breaking Strength	106	N	D2256
Yarn Maximum Elongation	>70% nominal		D2256
Tape Thickness	235 (at spine)	Microns	D3218
Pile Height	50.8	inches	D5823
Pile Weight	1153	g/m <sup>2</sup>	D5848
Primary Backing Weight	237	oz/yd <sup>2</sup>	D5848
Secondary Backing Weight	542-610	oz/yd <sup>2</sup>	D5848
Total Weight	1933	oz/yd <sup>2</sup>	D5848
Stitch Gauge	19	mm	D5793
Tuft Bind	40	N	D1335
Grab Tear Length	>888	N	D5034
Grab Tear Width	>888	N	D5034
Pill Burn Test	Pass		D2859
Yarn Melting Point	121	Degrees C	D789
Impact Attenuation (Gmax)	<200	G-Max	F1936
Water Permeability	1000	mm/hour	DIN 18-035
Total Depth of Infill Material	31.75	mm	n/a
SBR Rubber Infill	12.69	kg/m <sup>2</sup>	n/a
Silica Sand Infill	17.81	kg/m <sup>2</sup>	n/a