



## PRODUCT SPECIFICATIONS

<b>PRODUCT DESCRIPTION:</b>	<b>POWERBLADE 1S</b>
<b>PRODUCT CODE:</b>	<b>81P044AMA</b>

<b>PRODUCT MATERIALS</b>	<b>IDENTIFICATION</b>
YARN	POLYETHYLENE
STANDARD COLOUR	DUAL COLOUR GREEN
UV STABILIZED	YES
PILE YARN TYPE	MONOFILAMENT
YARN DENIER (dtex)	10800 (12000)
DENIER PER FILAMENT (dtex)	1350 (1500)
FILAMENTS PER BUNDLE	8
YARN WIDTH (micron)	135
STITCH PATTERN	STRAIGHT
PRIMARY BACKING	QUADBACK
COATING MATERIAL	URETHANE
INFILL MATERIAL - SILICA SAND	14 kg/m <sup>2</sup>
INFILL MATERIAL - SBR RUBBER	14 kg/m <sup>2</sup>
GRADATION - SAND / RUBBER	0.3 - 0.8mm / 0.8 - 2.0mm

<b>FINISHED MATERIAL</b>	<b>ENGLISH UNITS</b>		<b>METRIC UNITS</b>	
	<b>VALUE</b>	<b>UNITS</b>	<b>VALUE</b>	<b>UNITS</b>
PILE WEIGHT	44	oz/yd <sup>2</sup>	1500	g/m <sup>2</sup>
PRIMARY BACKING WEIGHT	10.5	oz/yd <sup>2</sup>	356	g/m <sup>2</sup>
SECONDARY BACKING WEIGHT	26	oz/yd <sup>2</sup>	882	g/m <sup>2</sup>
TOTAL WEIGHT	80.5	oz/yd <sup>2</sup>	2,729	g/m <sup>2</sup>
PILE HEIGHT	2.25	inch	57	mm
TUFTING GAUGE	1/2	inch		
STITCH RATE	≈ 8	per 3 inches	≈ 11	per 10 cm
GRAB STRENGTH	≥ 240	lbs	≥ 109	kg
ROLL WIDTH	≥ 15	feet	≥ 4.57	m
PERFORATION	4 x 3	inch centers		

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