

T-RECS®

Turf Reinforcement Mats (HPTRM)

TECHNICAL DATA SHEET	TDS G 001 079
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PROPERTY	TEST METHOD	TEST VALUE
Physical		
Mass/Unit Area ³	ASTM D-6475	288.2g/m ²
Thickness	ASTM D-6525	11.47mm
Light Penetration (% Passing)	ASTM D-6567	43%
Colour	Visual	Green or Tan
Resiliency	ASTM D-6524	70%
Flexibility	ASTM D-6575	1.7cm/kg
Roll Size	Measured	1.8m x 27.4m
Mechanical		
Tensile Strength -MD ³	ASTM D-6818	40.7 kN/m
Elongation - MD	ASTM D-6818	41%
Tensile Strength - TD ³	ASTM D-6818	40.7 kN/m
Elongation - TD	ASTM D-6818	17%
Endurance		
UV Resistance @ 6000hours	ASTM D-4355	91%
Performance		
Vegetated Shear Stress*	ASTM D-6460	718 Pa
Vegetated Velocity	ASTM D-6460	7.6 m/s
Manning's "n"†	ASTM D-6460	0.028
Germination/Seedling Emergence	ECTC Method 4	636% Improvement

The listed technical values are guiding values, achieved in our laboratories and/or independent testing institutes. Our products are subject to changes without prior notice.

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