

POLYTAN - GRIDIRON T**FIBER:**

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| 1. Polymer Composition: | Bimodular PE Compound | |
| 2. Shape: | Triangle | |
| 3. Thickness: | 250 Microns | (ASTM-D-3218-07) |
| 4. Width: | 1.4 mm | (ASTM-D-3218-07) |
| 5. Number of filaments: | 6 (per bundle) | |
| 6. Denier (g/9,000 m) | 10,800 | (ASTM-D-1907-07) |
| 7. Tensile Strength: | 19 lbs | (ASTM-D-2256-97) |
| 8. Elongation at Break | 30% | (ASTM-D-2256-97) |
| 9. Fiber Melting Point | 120 deg C | (ASTM-D-789-98) |
| 10. Color fastness: | blue scale 7-8 | |
| 11. Fastness to weathering: | grey scale 5 | (DIN/ISO 75220) |
| 12. Environmental Properties: | Meets all criteria of standard | (DIN 18035-7) |
| 13. UV-Stabilization: | Meets all criteria of standard | (DIN 18035-7) |
| 14. Colors: | Field Green, Olive Green, Custom Colors | |

TUFTING AND BACKING:

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| 1. Pile Height: | 2.25 inches | (ASTM-D-418-93) |
| 2. Fiber Weight: | 40 oz/sy | (ASTM-D-5848-05) |
| 3. Primary Backing: | 18 pic poly; 80g Colbond | |
| 4. Secondary Backing: | 26 oz/sy Urethane | |
| 5. Total Weight: | 72 oz/sy | (ASTM-D-5848-05) |
| 6. Tufting Gauge: | 1/2 inches | |
| 7. Stitch Rate: | 9.5 tufts per 3 inches | |
| 8. Roll Width: | 15 feet 2 inches | |

INFILL:

- Sand
 - 2lbs per square foot
 - Particle size: passing 20 to 40 sieve
- Rubber Granules
 - 3lbs per square foot
 - 0.5-2 mm / 10-20 mesh
- Complete System
 - Total weight: 5lbs per square foot
 - Flame Resistance: Pass ASTM-D-2859-04
 - Water Permeability 24.3 inches/hour
 - Abrasive Index: 36 (ASTM-F-1015)
 - Initial Impact Attenuation: 125+-3 Gmax (ASTM-F-355-95)