



# JOHN DEERE LANDSCAPES

800-347-4272

## PRODUCT NAME

**RP04**

*Putting Green 1/2" Synthetic Turf*

## MATERIALS

|                                 |                       |
|---------------------------------|-----------------------|
| Primary Yarn Polymer            | Nylon                 |
| Yarn Cross Section              | Diamond Monofilament  |
| Standard Color                  | Turf Green            |
| UV Stabilized                   | Yes                   |
| Fabric Construction             | Tufted                |
| Secondary Yarn Polymer Thatch   | None                  |
| Secondary Yarn Color            | None                  |
| Primary Backing                 | 13 Pic Woven (2)      |
| Coating Type                    | Rubber w/ 5 pic Woven |
| Polyethylene Yarn Denier / Ends | None                  |
| Texturized Thatch Denier / Ends | 4200/8                |
| Sustainability                  | 100% recyclable       |
| Warranty Period                 | <b>10 years</b>       |

| Finish Fabric                         | English System |                    | Metric System |                  | ASTM Test F-1551 |
|---------------------------------------|----------------|--------------------|---------------|------------------|------------------|
| Nominal Specification                 | Value          | Units              | Value         | Units            | Method           |
| Pile Height (Nominal)                 | 1/2            | inches             | 1.27          | cm               | D-5823           |
| Face Weight                           | 47             | oz/yd <sup>2</sup> | 1556          | g/m <sup>2</sup> | D-5848           |
| Total Fabric Weight                   | 80             | oz/yd <sup>2</sup> | 2648          | g/m <sup>2</sup> | D-5848           |
| Primary Backing Weight                | 7              | oz/yd <sup>2</sup> | 232           | g/m <sup>2</sup> | D-5848           |
| Secondary Coating Weight              | 26             | oz/yd <sup>2</sup> | 860           | g/m <sup>2</sup> | D-5848           |
| Tuft Bind                             | >8             | lbs.               | >3.63         | kg               | D-1335           |
| Grab Tear Strength (Average)          | >200           | lbs.               | >91           | kg.              | D-5034           |
| Lead Content                          | <50            | ppm                | <50           | ppm              | F-2765           |
| Total Yarn Linear Density             | 4,200          | Denier             | 4620          | dtex             | D-1577           |
| Elongation to Break                   | >30            | %                  | >30           | %                | D-2256           |
| Yarn Breaking Strength                | >20            | lbs.               | >9            | kg               | D-2256           |
| Yarn Melting Point                    | 428            | F°                 | 220           | C°               | D-7138           |
| Stitch Rate                           | 34             | inches             | 13.5          | cm               | D-5793           |
| Machine Gauge                         | 3/16           | inches             | 0.48          | cm               | D-5793           |
| Flammability                          | Test Passed    |                    | Test Passed   |                  | D-2859           |
| Water Permeability                    | >30            | in/hr              | >76.2         | cm/hr            | DIN 18-035       |
| Fiber Thickness (Primary / Secondary) | 125            | mils               | 3175          | microns          | D-3218           |
| Fabric Width                          | 15             | ft                 | 4.6           | m                | None             |

Note: Any change from the specified values is considered a special product that will require confirmation from manufacturing. All values are ± 5%.