

April 1st, 2020

Data Sheet



PLASTICS BUSINESS DIVISION
INDUSTRIAL MATERIALS DEPARTMENT
QUALITY ASSURANCE SECTION

Product: Ground Barrier Cloth-3

Color: OD-Green(Surface)/Black(Back)

Specification:

Weight	114g/m ²	3.4oz/yd ²
Thickness	0.5mm	20mil
Temperature Range	-30°C to +70°C	

Performance:

Tensile Strength	Warp	1000N/5cm (JIS L 1096)	145lbs (ASTM D751)
	Weft	850N/5cm (JIS L 1096)	125lbs (ASTM D751)
Elongation	Warp	17% (JIS L 1096)	26% (ASTM D751)
	Weft	13% (JIS L 1096)	18% (ASTM D751)
Tear Strength	Warp	350N (JIS L 1096)	30lbs (ASTM D4533)
	Weft	300N (JIS L 1096)	30lbs (ASTM D4533)
Permeability		0.020cm/s (JIS 1218)	
Disruptive Strength		316KPa/cm ² (JIS 8112)	
Shading Ratio		99.99% (JIS 1055)	
Breathability		28.66cm ³ /cm ² /sec. (JIS 1096 A)	
Puncture Strength		220N (ASTM D4833)	
Weather Resistance		3 years (Based on our weather resistance test)	

* **Remarks:** These values are typical data and not intended as limited specifications.