

April 1st, 2020

## Data Sheet



PLASTICS BUSINESS DIVISION  
INDUSTRIAL MATERIALS DEPARTMENT  
QUALITY ASSURANCE SECTION

**Product:** Ground Barrier Cloth-7

**Color:** Moss-Green(Surface)/Black(Back)

### **Specification:**

Weight	155g/m <sup>2</sup>	4.6oz/yd <sup>2</sup>
Thickness	0.7mm	28mil
Temperature Range	-30°C to +70°C	

### **Performance:**

Tensile Strength	Warp	1340N/5cm (JIS L 1096)	160lbs (ASTM D751)
	Weft	1230N/5cm (JIS L 1096)	180lbs (ASTM D751)
Elongation	Warp	17% (JIS L 1096)	18% (ASTM D751)
	Weft	12% (JIS L 1096)	15% (ASTM D751)
Tear Strength	Warp	430N (JIS L 1096)	35lbs (ASTM D4533)
	Weft	340N (JIS L 1096)	35lbs (ASTM D4533)
Permeability		0.025cm/s (JIS 1218)	
Disruptive Strength		394KPa/cm <sup>2</sup> (JIS 8112)	
Shading Ratio		99.99% (JIS 1055)	
Breathability		35.3cm <sup>3</sup> /cm <sup>2</sup> /sec. (JIS 1096 A)	
Puncture Strength		289N (ASTM D4833)	
Weather Resistance		7 years (Based on our weather resistance test)	

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