

April 1st, 2020

Data Sheet



PLASTICS BUSINESS DIVISION
INDUSTRIAL MATERIALS DEPARTMENT
QUALITY ASSURANCE SECTION

Product: Ground Barrier Cloth-10

Color: Black

Specification:

Weight	140g/m ²	4.1oz/yd ²
Thickness	0.5mm	20mil
Temperature Range	-30°C to +70°C	

Performance:

Tensile Strength	Warp	1250N/5cm (JIS L 1096)	185lbs (ASTM D751)
	Weft	1100N/5cm (JIS L 1096)	160lbs (ASTM D751)
Elongation	Warp	15% (JIS L 1096)	23% (ASTM D751)
	Weft	10% (JIS L 1096)	18% (ASTM D751)
Tear Strength	Warp	450N (JIS L 1096)	55lbs (ASTM D4533)
	Weft	330N (JIS L 1096)	40lbs (ASTM D4533)
Permeability		0.009cm/s (JIS 1218)	
Disruptive Strength		415KPa/cm ² (JIS 8112)	
Shading Ratio		99.92% (JIS 1055)	
Breathability		12.5cm ³ /cm ² /sec. (JIS 1096 A)	
Puncture Strength		300N (ASTM D4833)	
Weather Resistance		10 years (Based on our weather resistance test)	

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