



Style 3859

Ground Cover

Product Data Sheet

March 2021

A woven agricultural fabric, produced from polypropylene slit-film tapes, which will typically meet or exceed the following. This fabric has UV protection to 3500 hours in a Xenon Weatherometer.

This material is allowed as "Plastic mulch and covers" in USDA's National List of Allowed/Prohibited Substances for use in Organic Agriculture in Part 205.601 (b)(2)(ii).

Property	Test Method	English Units		SI Units			
		Typical Values		Typical Values			
Fabric Weight	ASTM D-5261	3.0		oz/yd ²	102		g/m ²
		MD	CD		MD	CD	
Grab Tensile Strength	ASTM D-4632	185	115	lbs	823	512	N
Grab Tensile Elongation	ASTM D-4632	25	20	%	25	20	%
Permittivity	ASTM D-4491	0.389		sec ¹	0.389		sec ¹
Water Flow Rate	ASTM D-4491	15		gal/min/ft ²	611		l/min/m ²
A.O.S.	ASTM D-4751	40		U.S. Sieve	0.425		mm
UV Resistance (3500 hrs)	ASTM D-4355	80		%	80		%
Evaporation Rate Reduction**	ASTM E-96, B	91.3		%	91.3		%
Flame Spread Index**	ASTM E-84	10			10		
Smoke Developed Index**	ASTM E-84	20			20		
Flammability Classification**	ASTM E-84	Class A			Class A		

*Note: Exposure of this product to certain agrochemicals may have an adverse affect on the service life of the fabric. Some agrochemicals contain in their structure active halogens (such as chlorine) and sulphur, or other byproducts which reduce the service life of woven polypropylene fabrics. Accelerated polymer degradation and/or photodegradation may occur. Please consult your agrochemical supplier for information and other available options.

**Note: Testing of evaporation reduction and flammability were performed by an independent commercail laboratory.



Produced in Belton, South Carolina, U.S.A.

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