



Woven poly for Greenhouse use

AGRON Woven Poly

Trademark No.: 40-1097345

Description

AGRON is lightweight, sturdy, long lasting, flexible, and easy to install for any application. If you want to use a wide width, you can create the desired width and length through thermal bonding. In particular, AGRON is treated with specially formulated UV stabilizer and additives providing excellent strength, chemical resistance and stability.



Easy Installation

Features

Woven Poly | It has superb tensile and tear strength due to its strong cross weaving

Scattered light | Transparent woven construction naturally evens and diffuses light inside the greenhouse which prevents shadowing

High quality | Scattered light helps in photosynthesis and high quality uniformity



Durability

Size

Thickness: 0.18 mm, 0.25 mm / Width: 2050 mm, 4100mm



Data Sheet

No.	Test Method	Direction	AGRON 0,25mm	AGRON 0,20mm
1	Weight ASTM D 3776/D3776M-09a(2017) : g/m ²		191.5	160.0
2	Tensile Strength ASTM D 5035-11(2015) C.R.E. STRIP : N/50mm	MD	1535.4	1093.3
		CD	1492.0	1139.2
3	Elongation ASTM D 5035-11(2015) C.R.E. STRIP : %	MD	26.1	25.6
		CD	26.2	28.2
4	Tear Strength ASTM D 2261-13 (2017)e1, : N	MD	289.8	257.0
		CD	279.3	198.4
5	Bursting Strength ASTM D 6797-15 : N		1617.5	1012.0
6	Cold Resistance ASTM D 2136-02 (2012):APPEARANCE		NO CRACK	NO CRACK
7	Shrinkage CLEINT'S REQUEST METHOD : %	MD	- 1.0	- 1.6
		CD	- 1.0	- 1.6
8	Light Transmittance ASTM D 1003-13 : %		82.5	84.4
9	5000hrs of UV Exposure QUV A 340nm 5,000 hours Interval : 500 hours		99.0	99.0

Application

- Rice raising seedling greenhouse
- Cactus and succulent plant greenhouse
- Multi-purpose workshop/warehouse
- Sides of Horticultural greenhouse
- For winch curtains
- Mushroom greenhouse
- Rose, chrysanthemum, lily (flower garden)
- Cattle shed yard
- Fishing grounds, garages, various storage facilities
- Dried persimmons, hot pepper drying area
- Gate ball grounds, sports grounds



* Suitable for applications requiring light weight and strong durability.



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