TECHNICAL PRODUCT INFORMATION

Product:	Milky reinforced PolyTunnel with 25% shade.
Catalog Number:	E1835
Product description:	Multi-layer greenhouse cover with 25% shadow. The film contains special white pigment to reduce the light and heat transmission at day. The film contains also IR barrier to prevent heat escape at night.
UV Resistance:	2 years at 160-180 KLy
Thickness:	150-200 µ
Width:	1.0-14.0 m
Length:	According to customer order

Product properties

Property	Test Method	Units	Value
Tensile Strength at break[MD]	ASTM D-882	MPa.	27
Tensile Strength at break[TD]	ASTM D-882	MPa.	27
Elongation at break [MD]	ASTM D-882	%	>600
Elongation at break [TD]	ASTM D-882	%	>600
Tear resistance[MD]	ASTM D-1922	Kg./mm	10
Tear resistance[TD]	ASTM D-1922	Kg./mm	11.0
Falling Dart Impact	ASTM D-1709	gr.	1200
Total light transmission	EN 13206	%	65
Light diffusion	EN 13206	%	70
Total light reflection	EN 13206	%	25%
Thermicity	EN 13206	%	65
UV blocking	EN 13206	%/nm	100/350
Thickness average	EN 13206	%	±5% on nominal
Thickness tolerance	EN 13206	%	±15%

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Use and limitation:

- Exposure to chemicals: exposure of greenhouse films to severe chemical conditions has an adverse effect on the lifetime of the film. Avoid excessive use of agrochemicals such as pesticides, herbicides, fungicides and fertilizers. Take measures to prevent direct contact of chemicals to the film. Ensure that metal structures are galvanized and are free from corrosion. When wooden structure parts are used, avoid contact of the film with resin, oil, petroleum or volatile preservatives. Prevent contact of the film with PVC accessories. Chemicals containing halogens, sulfur, copper, iron, are known to accelerate the degradation of greenhouse films.

  Specifically, if the following elements are found at levels higher than specified, the films are excluded from this warranty:

  Sulfur: max 400 ppm, Chlorine: 40 ppm, Iron: 50 ppm

- Overheating the film has an adverse effect on its lifetime. Hot air should be directed away from the film.

- When gases are used to disinfect the soil, the treated soil must be covered with a film for a minimum of three weeks. After the film is removed, the greenhouse should be ventilated.

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