

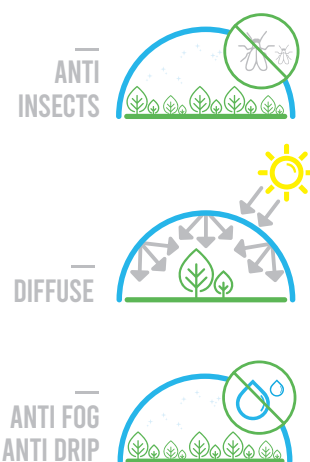


IR+AV diffused for tunnels

TECHNICAL PRODUCT INFORMATION

- Product: IR+AV diffused for tunnels
- Catalog Number: E1609
- Product description: Multi-layer diffused PE film. The anti-fog additives to prevent dripping onto the plants and IR ingredient reduce heat "escape" at night. The film contains anti-virus additives.
- UV Resistance: 1-2 Seasons
- Thickness: 100-120 μ
- Width: 4.0-12.5 m
- Length: According to customer order

Property	Test Method	Units	Value
Tensile Strength at break [MD]	ASTM D-882	MPa.	18
Tensile Strength at break [TD]	ASTM D-882	MPa.	18
Elongation at break [MD]	ASTM D-882	MPa.	500
Elongation at break [TD]	ASTM D-882	MPa.	500
Tear resistance [MD]	ASTM D-1922	Kg./mm	7.0
Tear resistance [TD]	ASTM D-1922	Kg./mm	10
Falling Dart Impact	ASTM D-1709	gr.	800
Total light transmission	Internal	%	85
Light diffusion	Internal	%	65
Thermicity	Internal (FTIR)	%	80
UV blocking	Internal	%/nm	95/350
Thickness average	Israeli Stnd. 821	%	±5% on nominal
Thickness tolerance	Israeli Stnd. 821	%	±15%



Remarks: Exposure to Sulfur or high amount of chlorine containing substance will reduce the film life time.

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