

## TECHNICAL PRODUCT INFORMATION

Product:	Thermic Stabilized PE film with anti-drip
Catalog Number:	E1536
Product description:	Multi-layer greenhouse cover. The light diffusion reduces construction and self shadows and allows the plants to receive a more even distribution of light during the day. The anti-fog additives to prevent dripping onto the plants and light transmission reduction (water drops act like a mirror and reflect light). The IR ingredient prevents heat "escape" at night.
Durability:	2 years
Thickness:	125-200 $\mu$
Width:	1.0-14.5 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	MPa.	500 min
Elongation at break [TD]	ASTM D-882	MPa.	500 min
Tear resistance[MD]	ASTM D-1922	Kg./mm	9.0
Tear resistance[TD]	ASTM D-1922	Kg./mm	10.0
Falling Dart Impact (200 $\mu$ )	ASTM D-1709	gr.	1200
Total light transmission	Internal	%	87
Light diffusion	Internal	%	50
Thermicity	Internal (FTIR)	%	80
UV blocking	Internal	%/nm	95/350
Thickness average	Israeli Stnd. 821	%	$\pm 5\%$ on nominal
Thickness tolerance	Israeli Stnd. 821	%	$\pm 15\%$

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