



### TECHNICAL PRODUCT INFORMATION

Product: Clear UVA film  
Catalog Number: E1528  
Product description: Clear multi-layer greenhouse cover. The film was designed to insure maximum PAR light transmission.  
Durability: 3 years  
Thickness: 150-300  $\mu$   
Width: 4.0-11.0 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	%	500 min
Elongation at break [TD]	ASTM D-882	%	500 min
Tear resistance [MD]	ASTM D-1922	Kg./mm	9.0
Tear resistance [TD]	ASTM D-1922	Kg./mm	11.0
Falling Dart Impact (200 microns)	ASTM D-1709	gr.	1200
Total light transmission	Internal	%	88
Light diffusion	Internal	%	30
Thermicity	Internal (FTIR)	%	50
UV blocking	Internal	%/nm	95/350
Thickness average	Israeli Stnd. 821	%	$\pm 5\%$ on nominal
Thickness tolerance	Israeli Stnd. 821	%	$\pm 15\%$

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

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