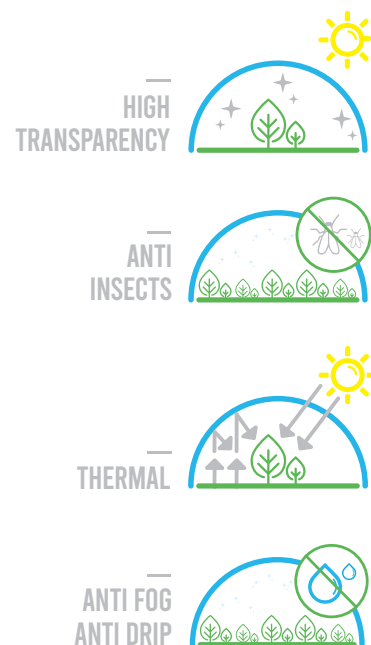




## TECHNICAL PRODUCT INFORMATION

Product: Clear IR+AV film  
 Catalog Number: E1551  
 Product description: Clear multi-layer greenhouse cover. The film was designed to insure maximum PAR light transmission. The film contains anti-fog additives to prevent dripping onto the plants and light transmission reduction (water drops act like a mirror and reflect light) and IR ingredient prevents heat "escape" at night. The film contains anti-virus  
 UV Resistance: 3 Seasons  
 Thickness: 120-200  $\mu$   
 Width: 1.0-14.5 m  
 Length: According to customer order

Property	Test Method	Units	Value
Tensile Strength at break [MD]	ASTM D-882	MPa.	22
Tensile Strength at break [TD]	ASTM D-882	MPa.	22
Elongation at break [MD]	ASTM D-882	%	600
Elongation at break [TD]	ASTM D-882	%	650
Tear resistance [MD]	ASTM D-1922	Kg./mm	9.0
Tear resistance [TD]	ASTM D-1922	Kg./mm	12.0
Falling Dart Impact	ASTM D-1709	gr.	1100
Total light transmission	Internal	%	90
Light diffusion	Internal	%	20
Thermicity	Internal (FTIR)	%	80
UV blocking	Internal	%/nm	100/380
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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