



**Stabilized film  
for solarization  
+AF**

**TECHNICAL PRODUCT INFORMATION**

Product: Stabilized film for solarization+AF

Catalog Number: E1320

Product description: Clear Stabilized film for solarization. The plastic sheets allow the sun's radiant energy to be trapped in the soil and heating the soil. Solarization during the hot summer months can increase soil temperature to levels that kill many diseases and weed seed. Soil solarization also improves soil structure and increases the availability of nitrogen (N) and other essential plant nutrients. Solarization is a simple, safe, and effective method that has been used with field, vegetable, and flower crops. It can be combined with organic soil amendments or reduced rates of pesticide application for greater effectiveness.

Thickness: 40 μ

UV Resistance: 12 months (3-6 months exposed to direct sunlight and 6-9 months under greenhouse)

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	%	250
Elongation at break [TD]	ASTM D-882	%	350
Falling Dart Impact	ASTM D-1709	gr.	150
Total light transmission	EN 2155	%	90
Thickness average	EN13206	%	±5 on nominal
Thickness tolerance	EN13206	%	±15% on each point



**Kibbutz Einat P.O.B 3 | Einat 4880500 Israel | Tel :+972-3-9016060 | Fax:+972-3-9016040**

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