

PRODUCT DATA SHEET : ATOPLAN EVA

Use : The ATOPLAN EVA thermal films are made with particular polymers which confer the film a high crystallinity and a visible light transmittance, higher than 90%. ATOPLAN EVA is especially suitable for covering vegetables and flower cultivations which require high luminosity conditions. The main characters of ATOPLAN EVA are:
 1) Very high greenhouse effect. The optimal thermal capacity of this film allows to maintain inside the greenhouse, so you have higher nightly temperatures (up to 5°C) than the ones under Polyethylene film. 2) Transmittance to visible radiations: Among the highest of the commercial films! 3) The ATOPLAN EVA thermal films contain Anti-drip and Mineral filler.

Features	Unit	Values	Test method
Thickness	μ	180 – 200	
Tolerance average	μ	± 5 %	ISO 4591
Length / width tolerance	mm	2 %	ISO 4592
Tensile strength at break	N/mm	≥ 21	EN ISO 527-3
Elongation at break	%	≥ 650	EN ISO 527-3
Light transmission	%	≥ 90	EN 2155-5
Haze	%	≤ 18	EN 2155-9
Greenhouse effect	%	≥ 85	Internal FT IR
Anti-drip effect	yes		
Dart drop test	gr	≥ 750	ISO 7765-1A
Duration	hours	7300	ISO 4892-2
Expected lifetime	months	48	area 70-100 kLy
	months	45	area 100-130 kLy
	months	36	area 130-200 kLy
Pesticides resistance	upon request		

Note : We believe this information is the best currently available. It is subject to revision once additional know-how is gained. We make no guarantee of results and assume no obligation and/or liability whatsoever in connection with this information.