

## PRODUCT DATA SHEET : ATOPLAN LONGLIFE

**Use :** The ATOPLAN LONGLIFE film for agricultural use is stabilized against ultraviolet radiation and shows optimal characteristics both mechanical, as photo-oxidation ageing resistance. Due to the special polymers used, this film grants a higher visible radiation transmittance: this is a great advantage for vegetable and flower crops mainly during the winter season. The suitable stabilisation and the considerable mechanical resistance allow the best results against the thermal excursions and string winds. This film is commonly called 'stabilized', it is made in accordance with the prescriptions issued by the European Normative EN 13206 for 'normal films'.

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	≥ 18	EN ISO 527-3
Elongation at break	%	≥ 450	EN ISO 527-3
Light transmission	%	≥ 88	EN 2155-5
Haze	%	≤ 35	EN 2155-9
Greenhouse effect	%	≥ 83	Internal FT IR
Anti-drip effect	no		
Dart drop test	gr	≥ 450	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.