



# Ashkal GH90 - Agricultural PE Film.

## Applications - Greenhouses.



Ashkal GH90 is a specially designed greenhouse polyethylene film that helps increase and secure the yield. The film provides robust protection from hail and other negative weather effects. The greenhouse film combines a long lifetime, superior strength, and high light transmission. Ashkal GH90 is extremely easy to layout and is suitable for all types of greenhouses. Ashkal GH90 can be adapted to the exact climatic conditions of diverse regions upon customer request to increase film longevity and make it the perfect fit for exact needs.

### Key Features / Advantages

- The film can withstand even the severest weather conditions and can be used in almost any climate type.
- Suitable for all types of greenhouses, and very easy to apply.
- The Light diffusion, Cooling Effect, Anti-drip effect, Disease control effect, Anti mist effect. Ashkal GH90 has unique flexibility in combining the above effects according to the climate of an area, the kinds of crops grown, the type of greenhouse, and other specifications.
- Usage cycle is up to 1 year (\*conditions apply).

PROPERTIES	TEST METHOD	TYPE	Unit	Typical Value		
FILM THICKNESS	ASHKAL METHOD	N/A	MICRON	120	180	200
		N/A	Tolerance +/-	8%	8%	8%
WIDTH	ASHKAL METHOD	N/A	MM	+5,-0		
FILM DENSITY	ASHKAL METHOD	N/A	gm/cm <sup>3</sup>	0.93		
GRMMAGE	ASHKAL METHOD	N/A	gm/m <sup>2</sup>	111.60	167.40	186.00
TENSILE STRENGTH	ASTM D-882	MD	Kg/cm <sup>2</sup>	220	240	260
		TD		200	220	240
ELONGATION @ BREAK	ASTM D-882	MD	% (+/- 50)	550	600	650
		TD		600	650	750
TREATMENT LEVEL	ASHKAL METHOD	N/A	Dynes/Cm	NA		
COEFFICIENT OF FRICTION	ASTM D-1894	UNTREATED(F/M)	DYNAMIC	0.35-0.40		
COEFFICIENT OF FRICTION	ASTM D-1894	UNTREATED (F/F)	DYNAMIC	0.35-0.40		
DART IMPACT	ISO 7765-1	FILMSURFACE	Gm.	> 4.0 gm / μ		
ROLL OD ( Max.)	ASHKAL METHOD	N/A	MM	800 mm		

### STORAGE, HANDLING, AND APPLICATION/RECOMMENDATIONS:

Storage must be in a dry environment away from direct sunlight at a temperature below 30C.

The film will maintain consistent performance over a period of up to 6 months from the date of manufacture and should be converted prior to this time. Prolong storage may cause problems of machineability, function ability, or blocking on account of elastic memory of thermoplastic films. Before using this product, customers and other users should make their own independent determination that this product is suitable for their intended use and is solely responsible for all determinations regarding the use of the material.

### FOOD CONTACT COMPLIANCE:

Our film fully meets the overall migration requirements and is therefore suitable for direct food contact and it complies with EC Directive 94/62/EC, UK Statutory Instrument 2003 No. 1941, As amended, and the CONEG regulations (USA/Canada).

### DECLARATION:

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