



Ashkal WH70 - White PE Lamination Film

Application : Detergent bags

Suitable with 9-12mic PET films / 5gms-10kgs bags



Detergent bags can be from 500gms to 10kgs in weight which is usually stacked up on the floor of the supermarket with the danger of falling out and pilferage being always high. Structural stability and burst strength of the bag are important design parameters. Seal through contamination property of the PE films is very critical during FFS operations. Ashkal WH70 is designed with all the above factors, which include carefully selected and approved raw material grades (LD/LLDPE) and dosing of masterbatches to give a superior performance at all stages of usage, lamination with PET and product filling at end users/brand owners.

Key Features / Advantages

- High dart strength of PE film – Prevents bursting and product pilferage during handling and transportation.
- Can be used across all sizes/weight categories: Reduces multiple grades of film inventory required for smaller 500gms to bulk bags 10kgs.
- Possibility to downgauge and work with lower GSM film – Co-develop a downgauged film and take yield advantage (sqm/kg) keeping all performance parameters at similar levels to your current structure.

PROPERTIES	TEST METHOD	TYPE	Unit	Typical value											
				25	30	40	50	60	70	80	90	100			
FILM THICKNESS	ASHKAL METHOD	N/A	MICRON	25	30	40	50	60	70	80	90	100			
			Tolerance +/-	8%	8%	8%	7%	7%	5%	5%	5%	5%			
WIDTH	ASHKAL METHOD	N/A	MM	+5,-0	+5,-0	+5,-0	+5,-0	+5,-0	+5,-0	+5,-0	+5,-0	+5,-0			
FILM DENSITY	ASHKAL METHOD	N/A	gm/cm ³	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92			
GRMMAGE	ASHKAL METHOD	N/A	gm/m ²	23.00	27.60	36.80	46.00	55.20	64.40	73.60	82.80	92.00			
TENSILE STRENGTH	ASTM D-882	MD	Kg/cm ²	140	170	180	200	210	220	240	260	260			
		TD		120	180	160	190	200	210	220	240	250			
ELONGATION @ BREAK	ASTM D-882	MD	%	280	300	350	400	450	450	500	500	550			
		TD	%	300	350	400	450	500	500	600	650	650			
TREATMENT LEVEL	ASHKAL METHOD	N/A	Dynes/Cm	>38	>38	>38	>38	>38	>38	>38	>38	>38			
COEFFICIENT OF FRICTION	ASTM D-1894	UNTREATED (F/M)	DYNAMIC	0.15 to	0.15 to	0.15 to	0.15 to	0.15 to	0.15 to	0.15 to	0.15 to	0.15 to			
				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		
COEFFICIENT OF FRICTION	ASTM D-1894	UNTREATED (F/F)	DYNAMIC	0.10 to	0.10 to	0.10 to	0.10 to	0.10 to	0.10 to	0.10 to	0.10 to	0.10 to			
				0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20		
DART IMPACT**	ISO 7765-1	FILM SURFACE	Gm.	>3.0 g/μ	>3.0 g/μ	>3.0 g/μ	>3.0 g/μ	>3.0 g/μ	>3.0 g/μ	>3.0 g/μ	>3.0 g/μ	>3.0 g/μ			
OPACITY	ASHKAL METHOD	NA	%	NA	NA	NA	NA	NA	NA	NA	NA	NA			
ROLL OD (Max.)	ASHKAL METHOD	N/A	MM	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm			
CORE ID	ASHKAL METHOD	N/A	MM	152/76	152/76	152/76	152/76	152/76	152/76	152/76	152/76	152/76			

**Dart Impact values depends of film width and can vary between 2.0 g/μ to > 3.0 g/μ

Maximum Film Thickness 200mic & TDS available on request.

STORAGE, HANDLING AND APPLICATION/RECOMMENDATIONS:

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

The film will maintain consistent performance over a period of up to 6 months from date of manufacture and should be converted prior to this time. Prolong storage may cause problems of machine ability, function ability or blocking on account of elastic memory of thermoplastic films. Before using this product, customer 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 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's comply with EC Directive 94/62/EC, UK Statutory Instrument 2003 No. 1941, As amended, and the CONEG Regulations (USA/Canada).

DECLARATION:

While the information provided is accurate to the best of our knowledge as of the date compiled, it is limited to the information as specified. Ashkal (FZE), reserves the right to modify these data if necessary without prior notice and nothing herein is not intended nor should be construed as a warranty, expressed or implied. Ashkal (FZE). Also disclaims liability for any loss or damages that may occur from the use of this information