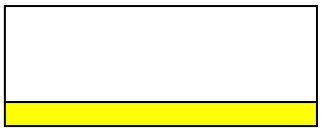
PRODUCT INFORMATION

Mylar® OLAF/OL2

Product Description

Mylar® OLAF is biaxially orientated polyester film with a thicker amorphous polyester heat seal layer and an anti-fog on the sealable surface.. Mylar®OLAF provides a strong peelable seal to a wide range of polar materials including itself APET, CPET, PETG, polyester coated board, polycarbonate and PVC, but does not seal to polyolefines, such as polypropylene, polyethylene and polystyrene. Dupont Teijin Films offers another family of lidding films (Mylar®RL) for sealing to these substrates. Mylar®OLAF is specially designed to minimize 'fog' during freezing, chilling and cooking operations, and also to aid clarity during packaging of 'breathable' products, like fresh vegetables. It is also self venting and dual ovenable (conventional and microwave). It is available in thicknesses of 15, 26 and 39 micron.



⇐ Clear PET film
⇐ APET heat seal layer with Anti-fog

Typical Applications

Mylar® OLAF can be used as a single web or as part of a laminate in lidding applications, for example ready meals, and other applications where a strong seal but relatively easy opening is important.

Practical Information

Mylar® OLAF can be sealed at a wide range of temperatures between 140°C and 220°C. The film seals instantly, but full seal strength is reached one hour after sealing. Whilst Mylar®OLAF typically gives a strong peelable seal performance, thinner grades, if used as a single web, will give film tear on opening. Mylar®OLAF can withstand freezer temperatures down to - 70°C and food can be heated/cooked in this film at typical heating conditions of 220°C for 30 minutes. The sealable surface is normally wound on the inside of the reel.

Special Features Available:

Printability: Mylar®OLAF is available with a corona treatment on the non-seal side to give improved adhesion to typical packaging inks (Mylar®OLAFT). However, corona treatment does deteriorate with time and in-line treatment during printing and laminating is still required.

Anti-fog: The Mylar®OLAF has an anti-fog on the sealable surface .

F**ood Contact Advice:** Mylar®OLAF is compliant with European Union food contact legislation (Commission Regulation (EU) No 10/2011)

For individual country and specific application information please contact your representative. All gauges of Mylar®OLAF comply with the Food and Drug Administration regulation 21 CFR 177.1630 – Polyethylene phthalate polymers. This regulation describes films which may be safely used in contact with all types of food

excluding alcoholic beverages. Mylar®OLAF can be used to contain foods during oven cooking or oven baking at temperatures above 121°C (250°F).

Disposal

Disposal of Mylar® OLAF does not present special disposal problems. Where waste occurs in a clean, uncontaminated form it can be recycled into polyester fibre. In most circumstances, once Mylar® OLAF has been laminated, coated, printed or metallised, incineration with energy recovery is the most environmentally efficient recovery route. Mylar ® OLAF can also be burned in an incinerator with normal refuse or can be buried as a relatively inert material in a landfill. The disposal method should comply with appropriate local and country regulations.

Typical Properties

Property	Test Method	Unit	Value			
General			140LAF	250LAF	300LAF	400LAF
Actual thickness	---	micron	15	26	33	39
Area Yield	---	m^2/kg	49	27.9	21.9	18.7
Unit Weight	---	g/m^2	20.4	35.9	45.7	53.3
Oxygen permeability	Oxtran 23°C,60/70% RH	$cm^3/m^2/day/atm$	140	75	55	45
Water vapour tramsmission rate	Lyssy 38°C,90% RH	$g/m^2/day$	43	20	13	14
Thermal			MD			TD
Upper melt temperature	ASTM E794-85	°C		255-260		
Shrinkage	190°C for 5 mins	%	4			1
Seal to APET/CPET tray	180°C/80psi/1sec	g/25mm		900		
Mechanical			MD			TD
Tensile strength at break	ASTM D882	Mpa	180			220
Elongation at break	as above	%	120			80