

PRODUCT DESCRIPTION

Mylar® OL is a biaxially oriented polyester (PET) film with an amorphous polyester heat seal layer on one side. It is designed to give a peelable seal to a wide range of materials including itself, APET, CPET, PETG, polyester coated board, polycarbonate and PVC. Mylar® OL is designed to be self-venting and dual-ovenable (both microwave and conventional oven).

TYPICAL APPLICATIONS

Mylar® OL can be used on its own as a single web or as part of a laminate in a wide range of lidding applications, providing reliable sealing and peeling performance. The film is often used for ready meal type applications where easy opening is required.

ADDED BENEFITS FROM RELATED FILMS

Printability – Mylar® OLT and Mylar® OLP give improved adhesion to a range of widely used inks through corona (Mylar® OLT) and chemical (Mylar® OLP) treatments on the non heat-seal side.

Antifog – Mylar® OL with antifog properties is available.

FOOD CONTACT ADVICE

The Product has been assessed with respect to Food Contact Legislation.

PROPERTIES	UNIT	TYPICAL VALUES				TEST METHOD
General		14OL	190L	250L	400L	
Target Thickness	Micron	14	21	25	38	..
Area Yield	M ² /KG	53	35.2	29.1	19.3	..
Unit Weight	G/M ²	18.9	28.4	34.4	52.0	..
Oxygen Permeability	cm ³ /m ² /day/atm	140	95	75	45	Oxtran 23°C, 60/70% RH
Water Vapour Transmission Rate	g/m ² /day	43	25	20	14	Lyssy 38°C, 90% RH
Mechanical						
Tensile strength at break	MPa	MD 180 TD 220	MD 180 TD 220	MD 180 TD 220	MD 180 TD 220	ASTM D882-83
Elongation at break	%	MD 120 TD 80	MD 120 TD 80	MD 120 TD 80	MD 120 TD 80	ASTM D882-83
Thermal						
Shrinkage	%	MD 4 TD 1	MD 4 TD 1	MD 4 TD 1	MD 4 TD 1	190°C for 5 mins
Upper melt temperature	°C	255-260				ASTM E794-85
Seal to APET/CPET Co-ex tray	g/25mm	700				180°C/80psi/1sec

Values in the above table are intended as a general guide for a wide range of applications.

STANDARD PUT-UPS

Mylar® OL can be supplied as 1422mm master rolls on 152mm ID protruding cores, or as slit reels, up to 1375mm wide on 152mm ID flush or protruding cores. Master rolls are popular for Distributor customers. Chartable width is 1385mm.

DISPOSAL ADVICE

Disposal of Mylar® OL does not present special disposal problems. In most circumstances, once Mylar® OL has been laminated, coated, printed or metallised, incineration with Energy Recovery is the most environmentally efficient recovery route. Mylar® OL 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.