

PRODUCT DESCRIPTION

Mylar® OL13 is a biaxially oriented polyester (PET) film with an amorphous polyester heat seal layer on one side. It has a particularly thick heat seal layer and is designed for lidding to rough or porous surfaces, or for lidding to trays with preformed creases at the corners. It gives a very strong seal at room temperature. Mylar® OL13 seals to a wide range of materials including itself, APET, CPET, PETG, polyester coated board, polycarbonate and PVC. Mylar® OL13 is dual-ovenable (both microwave and conventional oven).

TYPICAL APPLICATIONS

Mylar® OL13 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 strong sealing performance.

GENERAL INFORMATION

Added Benefits from Related Films

Printability – Mylar® OL13T gives improved adhesion to a range of widely used inks through corona treatment on the non heat-seal side. Antifog – Mylar® OL13AF has antifog properties. Mylar® OL13AFT offers both of these benefits.

As per Article 3(3) of the REACH regulation (EC) No 1907/2006 Mylar® OL13 film is classified as an article. There are no substances intended to be released from the above film under normal, reasonably foreseeable conditions of use, as defined by Article 7(1).

FOOD CONTACT ADVICE

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

PROPERTIES	UNIT	TYPICAL VALUES			TEST METHOD
		140L13	250L13	400L13	
General					
Actual Thickness	Micron	20	31	44	..
Area Yield	m ² /KG	37.2	23.6	16.7	..
Unit Weight	g/m ²	26.9	42.4	60	..
Oxygen Permeability	cm ³ /m ² /day/atm	140	75	45	Oxtran 23°C, 60/70% RH
Water Vapour Transmission Rate	g/m ² /day	43	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	ASTM D882
Elongation at break	%	MD 120 T D 80	MD 120 TD 80	MD 120 TD 80	ASTM D882
Thermal					
Shrinkage	%	MD 4 TD1	MD 4 TD1	MD 4 TD1	190°C for 5 mins
Upper melt temperature	°C	255-260	255-260	255-260	ASTM E794-85
Seal to APET/CPET Co-ex tray	g/25mm	1300	1300	1300	180°C/80psi/1sec

STANDARD PUT-UPS

Mylar® OL13 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® does not present special disposal problems. Where waste occurs in a clean, uncontaminated form it can be recycled. In most circumstances, once Mylar® has been laminated, coated, printed or metallised, incineration with Energy Recovery is the most environmentally efficient recovery route. Mylar® 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.