

PRODUCT DESCRIPTION

Mylar® 19 HF01APr 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. The base film has been manufactured incorporating 50% post consumer recycled rPET content.

TYPICAL APPLICATIONS

Mylar® 19 HF01APr 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 heat seal and base film properties have been tailored specifically for fresh produce type applications, where an easy opening antifog film is required.

Added Benefits from Related Films

Printability – Mylar® 19HF01APr gives improved adhesion to a range of widely used inks through chemical treatment on the non heat-seal side. For details contact your DuPont Teijin Films sales, technical or marketing representatives.

GENERAL INFORMATION

As per Article 3(3) of the REACH regulation (EC) No 1907/2006 Mylar® 19 HF01APr 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

Mylar® 19 HF01APr has been assessed with respect to Food Contact Legislation.

PROPERTIES	UNIT	TYPICAL VALUES	TEST METHOD
General		19HF01APr	
Target Thickness	Micron	20.5	DTF Method
Area Yield	M ² /KG	35.2	DTF Method
Unit Weight	G/M ²	28.4	DTF Method
Oxygen Permeability	cm ³ /m ² /day/atm	95	Oxtran 23°C, 60/70% RH
Water Vapour Transmission Rate	g/m ² /day	25	Lyssy 38°C, 90% RH
Mechanical			
Tensile strength at break	MPa	MD 180 TD 220	ASTM D882-83
Elongation at break	%	MD 120 TD 80	ASTM D882-83
Thermal			
Shrinkage	%	MD 4 TD 1	190°C for 5 mins
Upper melt temperature	°C	255-260	Based on ASTM E794-05
Seal to APET/CPET Co-ex tray	g/25mm	700	140°C/80psi/1 sec

DISPOSAL ADVICE

Disposal of Mylar® 19 HF01APr does not present special disposal problems. Where waste occurs in a clean, uncontaminated form it can be recycled. In most circumstances, once Mylar® 19HF01APr has been laminated, coated, printed or metallised, incineration with Energy Recovery is the most environmentally efficient recovery route. Mylar® 19 HF01APr 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.