WRAPID
Heat Sealant Films

Mylar® D870AF

TECHNICAL DATA SHEET

DuPont Teijin Films™

PRODUCT DESCRIPTION

Mylar® D870AF is a biaxially oriented polyester (PET) film with an amorphous polyester heat seal layer on one side with added "anti-fog" functionality. 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.

TYPICAL APPLICATIONS

Mylar® D870AF is often used for ready meal applications and has a lower seal strength compared to Mylar® OLAF.

GENERAL INFORMATION

Mylar® D870AF can withstand a broad range of temperatures and has good resistance to moisture and most chemicals. It contains no plasticisers and will not become brittle with age under normal conditions. As per Article 3(3) of the REACH regulation (EC) No 1907/2006 Mylar® D870AF 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

Please contact your DuPont Teijin Films representative for detailed information regarding regulatory compliance.

PROPERTIES	UNIT	TYPICAL VALUES			TEST METHOD
General		**19**	**23**	**36**	
Target Thickness	Micron	20	24	37	
Area Yield	M^2/KG	36.3	29.8	19.5	
Unit Weight	G/M^2	27.5	33.5	51.3	Oxtran 23°C, 60/70% RH Lyssy 38°C, 9% RH
Oxygen Permeability	$cm^3/m^2/day/atm$	95	75	45	
Water Vapour Transmission Rate	$g/m^2/day$	25	20	14	
Mechanical					
Tensile strength at break	MPa	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	ASTM D882-83
Thermal					
Shrinkage	%	MD 4 TD 1	MD 4 TD 1	MD 4 TD 1	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	500	500	500	160°C/60psi/1s

DISPOSAL ADVICE

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

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