WRAPID
Heat Sealant Films

Mylar® HF43AF

TECHNICAL DATA SHEET

DuPont Teijin Films™

PRODUCT DESCRIPTION

Mylar® HF43AF is a biaxially oriented polyester (PET) film with an EVA heat seal layer. It is designed to give a peelable seal to a wide range of materials including polypropylene, polystyrene, polyethylene and itself. It also seals to polar materials, such as APET, CPET, PVC and PVdC.

TYPICAL APPLICATIONS

Mylar® HF43AF 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. It can be used for lidding a wide range of containers and is especially suited to sealing to pulp fibre trays and punnets.

GENERAL INFORMATION

Mylar® HF43AF 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® HF43AF 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® HF43AF has been assessed with respect to Food Contact Legislation.

PROPERTIES	UNIT	TYPICAL VALUES	TEST METHOD
General		**25 HF43AF**	
Target Thickness	Micron	33.8	DTF Method
Area Yield	M^2/KG	23.4	DTF Method
Unit Weight	G/M^2	42.8	DTF Method
Oxygen Permeability	$cm^3/m^2/day/atm$	75	Oxtran 23°C, 60/70% RH
Water Vapour Transmission Rate	$g/m^2/day$	20	Lyssy 38°C, 90% RH
Mechanical			
Tensile strength at break	MPa	MD 180 TD 220	ASTM D882
Elongation at break	%	MD 120 TD 80	ASTM D882
Thermal			
Shrinkage	%	MD 4 TD 1	190°C for 5 mins
Seal to PS/PP	g/25mm	900	160°C/40psi/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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