



Product Information

Mylar® A 190 - 500µm

Product Description

Mylar® A polyester film is a flexible, strong and durable film with an unusual balance of properties making it suitable for many industrial applications. Mylar® A is a tough general purpose film available in 19µm to 480µm thickness range. In film thicknesses of 19µm to 125µm, Mylar® A is slightly hazy. In film thicknesses of 190µm and above, Mylar® A is hazy.

Typical Applications

Mylar® A is primarily used for release applications, office supplies, electrical insulation and industrial laminations with other flexible materials.

General Information

Mylar® A has a high tensile strength, excellent resistance to moisture and most chemicals and can withstand temperature extremes from -70°C to 150°C.

Food Contact Advice

Mylar® A 190 - 500µm has not been assessed against Food Contact Legislation

Film Properties

Property	Test Method	Unit	Typical Values				
			190	250	300	350	480
General							
Tensile Strength	ASTM D882	Mpa	190 MD 220 TD	190 MD 200 TD	190 MD 200 TD	190 MD 190 TD	150 TD 170 TD
Modulus	ASTM D882	Mpa	3300MD 3700TD	3100MD 3500TD	3000MD 3200TD	2950MD 3200TD	2600MD 2800TD
Elongation	ASTM D882	%	190 MD 140 TD	210 MD 170 TD	210 MD 180 TD	240 MD 200 TD	270 MD 240 TD
Shrinkage 150°C for 30 min	ASTM D1204	%	1.3 MD 1.3 TD	1.0 MD 0.5 TD	1.3 MD 1.3 TD	1.3 MD 1.3 TD	0.9 MD 0.9 TD
Shrinkage 200°C for 30 min	ASTM D1204	%	3.5 MD 3.3 TD	3.5 MD 2.3 TD	3.5 MD 3.5 TD	3.5 MD 3.3 TD	2 MD 1.7 TD
Haze	ASTM D1003	%	82	90	92	96	97
Dielectric Strength (minimum kV)	ASTM D149	kV	17.5	19	19.5	20	20

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.

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*Caution: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see "DuPont Teijin Films Medical Caution Statement", H-50102-3-DTF and H-50103-3-DTF.

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