

**POLYESLINE S.L.**

Polígono Industrial "Els Mollons". C/ Tapissers, 4 – 46970 Alaquas, Valencia –Spain.

Tel: 0034 96 006 65 10 e-mail: comercial@polyesline.comWeb site: www.polyesline.com**Technical Datasheet - US Customary Units**

Mylar® HS

Product Description

Mylar® HS is an uncoated, transparent polyester film designed for heat shrink applications. Unlike most PET films, Mylar® HS is designed to shrink with considerable force when exposed to heat.

Approvals

UL Recognition - Product has been registered with Underwriters Laboratories

Food Contact Advice

Mylar® HS has not been assessed against Food Contact Legislation

Film Properties

Property	Unit	Typical Values	Test Method
Physical		150	
Elongation at Break MD	%	140	Based on ASTM D882A
Elongation at Break TD	%	90	Based on ASTM D882A
Tensile Strength MD (break)	kpsi	31	Based on ASTM D882A
Tensile Strength TD (break)	kspi	41	Based on ASTM D882A
Optical		150	
Haze	%	20	ASTM D1003
Thermal		150	
Shrinkage MD (150°C)	%	50	Unrestrained @ 150 °C/30 min
Shrinkage TD (150°C)	%	40	Unrestrained @ 150 °C/30 min
Electrical		150	
Breakdown Voltage (typical)	kV	8	ASTM D149 1/4" electrode 500 V/sec 25 °C

Disposal Advice

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

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relatively inert material in a landfill. The disposal method should comply with appropriate local and country regulations.

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