



DuPont Teijin Films™

MELINEX® CORE1

Product Description

MELINEX® CORE1 is a one-side heat sealable, opaque white polyester film which is ideal in specialty laminated card applications. This film can be heat sealed to itself and other polyesters, as well as a variety of substrates. MELINEX® CORE1 is supplied sheeted with the heat seal surface modified to prevent air entrapment during lamination. This film is currently available at thicknesses of 600, 1000, and 1210 gauge.

Typical Properties

Available Thickness [Gauge]
600; 1000; 1210

Property	Thickness	Value	Units	Test
OPTICAL				
Optical Density	600	1.0	%	DTF (US) Test Method 2.30.2
Optical Density	1000	1.5	%	DTF (US) Test Method 2.30.2
Optical Density	1210	1.8	%	DTF (US) Test Method 2.30.2
PHYSICAL				
Density	All	1.45	g/cm ³	
Elongation at Break MD	All	125-200	%	ASTM D882A
Elongation at Break TD	All	125	%	ASTM D882A
Tensile Strength MD	All	11-15	kpsi	ASTM D882A
Tensile Strength TD	All	18	kpsi	ASTM D882A
THERMAL				
Heat Seal Strength	All	>900	g/12.5mm	DTF (US) Test Method No. 2.49
Shrinkage MD (190°C)	All	1.0	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	All	0.5	%	Unrestrained @ 190°C/5 min

Contact Info

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Disclaimer

Note: These values are typical performance data for DuPont Teijin Films' polyester film; they are not intended to be used as design data. We believe this information is the best currently available on the subject. It is offered as a possible helpful suggestion in experimentation you may care to undertake along these lines. It is subject to revision as additional knowledge and experience is gained. DuPont Teijin Films makes no guarantee of results and assumes no obligation or liability whatsoever in connection with this information. This publication is not a license to operate under, or intended to suggest infringement of, any existing patents.

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