



# DuPont Teijin Films™

## MELINEX® CORE2

### Product Description

MELINEX® CORE2 is a two-side heat sealable, opaque white polyester film which is ideal in specialty card laminate applications. This film can be heat sealed to itself and other polyesters, as well as a variety of substrates including some grades of paper, PVC, and Teslin®. The film is supplied with heat seal surfaces modified to prevent air entrapment during lamination. The heat seal co-polyester layer will accept UV curable off-set litho and screen printing inks. MELINEX® CORE2 film is available in 600 and 1210 gauge.

### Typical Properties

Available Thickness [Gauge]
600; 1210

Property	Thickness	Value	Units	Test
<b>OPTICAL</b>				
Optical Density	600	1.0	%	DTF (US) Test Method 2.30.2
Optical Density	1210	1.9	%	DTF (US) Test Method 2.30.2
<b>PHYSICAL</b>				
C.O.F. (dynamic) A-B	600 - 1210	0.9		ASTM D1894
Density	600 - 1210	1.5	g/cc	ASTM D1505
Elongation at Break MD	600 - 1210	140	%	ASTM D882A
Elongation at Break TD	600 - 1210	110	%	ASTM D882A
Tensile Strength MD	600 - 1210	8,000	psi	ASTM D882A
Tensile Strength TD	600 - 1210	15,000	psi	ASTM D882A
Yield Strength MD	600 - 1210	8,000	psi	ASTM D882A
Yield Strength TD	600 - 1210	8,000	psi	ASTM D882A
<b>THERMAL</b>				
Heat Seal Temp. Range	600 - 1210	285-340	°F	20 minutes @150 - 200 psi
Shrinkage MD (190°C)	600 - 1210	1.0	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	600 - 1210	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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