



MELINEX® DCS1

Product Description

Melinex® DCS1 is a tough, general purpose translucent film which is one-side pretreated for antistat. Melinex® DCS1 has a rough surface to provide ease of handling, good adhesion, and processability used for industrial applications such as cover sheets for flexographic printing plates.

Typical Properties

Available Thickness [Gauge]
400

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	400	45	%	ASTM D1003
PHYSICAL				
Density	400	1.3954	g/cc	
Elongation at Break MD	400	195	%	ASTM D882A
Elongation at Break TD	400	110	%	ASTM D882A
F5-MD	400	13.5	kpsi	ASTM D882A
F5-TD	400	14	kpsi	ASTM D882A
Tensile Modulus MD	400	490,000	psi	ASTM D882A
Tensile Modulus TD	400	560,000	psi	ASTM D882A
Tensile Strength MD	400	26	kpsi	ASTM D882A
Tensile Strength TD	400	35	kpsi	ASTM D882A
Yield (nominal)	400	5,000	in ² /lb	
THERMAL				
Melting Point	400	254	C	
Shrinkage MD (150°C)	400	1.0	%	Unrestrained @ 150°C/30 min
Shrinkage TD (150°C)	400	1.0	%	Unrestrained @ 150°C/30 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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