

Melinex® 531

Thermoplastic Polyester

DuPont Teijin Films U.S.

Message:

Melinex® 531 is a Thermoplastic Polyester product. It is available in North America. Typical application: Film.

Characteristics include:

Clarity

Slip

General Information			
UL YellowCard	E93687-252957		
Additive	Slip		
Features	High Clarity		
	Slip		
Uses	Film		
Appearance	Clear/Transparent		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ASTM D1505
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction (vs. Itself - Static)	0.40		ASTM D1894
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	51	µm	
Tensile Strength			ASTM D882
MD : Yield	96.5	MPa	
TD : Yield	96.5	MPa	
MD : Break	186	MPa	
TD : Break	228	MPa	
Tensile Elongation			ASTM D882
MD : Break	180	%	
TD : Break	110	%	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	260	°C	
CLTE - Flow	1.8E-5	cm/cm/°C	ASTM D696
Optical	Nominal Value	Unit	Test Method
Transmittance	89.0	%	ASTM D1003
Haze	0.20	%	ASTM D1003

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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