

CelloTherm™ P400

Cellulose Acetate

Innovia Films Ltd.

Message:

Uncoated regenerated cellulose film with high mechanical strength.

General Information			
Features	Antistatic		
	Biodegradable		
	Good Flexibility		
	High Clarity		
	High Gloss		
	High Heat Resistance		
	High Strength		
	Renewable Resource Content		
Uses	Film		
	Laminates		
Agency Ratings	FDA 21 CFR 177.1200		
Appearance	Clear/Transparent		
Forms	Film		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic	0.60		
vs. Itself - Static	0.70		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield,28 μm	124	MPa	
TD : Yield,28 μm	68.9	MPa	
Tensile Elongation			ASTM D882
MD : Break, 28 μm	22	%	
TD : Break, 28 μm	70	%	
Oxygen Transmission Rate (Wet) ¹ (24°C, 28 μm, 0.0% RH)	2.95	cm³/m²/24 hr	ASTM F1927
Film Gauge	1.10	nm	Internal Method
Yield (27.9 μm)	25.0	m²/kg	Internal Method
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 27.9 μm)	95	ASTM D2457	
Haze ² (27.9 μm)	4.0	%	ASTM D1003

NOTE

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|----|-----------------|
| 1. | RH: 0 to 5% |
| 2. | 2.5° wide angle |

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