

# Cellophane™ 340XSC

Regenerated Cellulose

Innovia Films Ltd.

## Message:

Vinyl Coated Barrier Films for Packaging Applications  
Colored transparent general purpose 2 side PVdC coated, heat sealable, high barrier films.  
Literature reference: A105

General Information			
Features	Barrier Resin		
	Biodegradable		
	General Purpose		
	Heat Sealable		
	High Clarity		
	Renewable Resource Content		
	Sealable High Barrier PVdC Coated		
Uses	Film		
	General Purpose		
	Packaging		
Appearance	Clear/Transparent		
	Unspecified Color		
Forms	Film		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic	0.20		
vs. Itself - Static	0.25		
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD : 24 µm	> 3000	MPa	
1% Secant, TD : 24 µm	> 1500	MPa	
Tensile Strength			ASTM D882
MD : Yield,24 µm	125	MPa	
TD : Yield,24 µm	70.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 24 µm	22	%	
TD : Break, 24 µm	70	%	
Seal Strength <sup>1</sup>	1.6	N/mm	Internal Method
Seal Initiation Temperature <sup>2</sup> (24 µm)	100 to 160	°C	

Water Vapor Transmission Rate (24 μm, 38°C, 90% RH)	10	$\text{g} \cdot \text{mm}/\text{m}^2/\text{atm}/24 \text{ hr}$	ASTM E96
Film Gauge	23.6	$\mu\text{m}$	Internal Method
Yield (23.6 μm)	29.4	$\text{m}^2/\text{kg}$	Internal Method
Optical	Nominal Value		Test Method
Gloss (45°, 23.6 μm)	105		ASTM D2457


NOTE			
1.	135°C; 0.5 secs; 69 kN/m <sup>2</sup>		
	g(f)/38mm		
2.	0.5 sec dwell, 0.069 MN/m <sup>2</sup>		

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