

# Propafilm™ SNC25

Polypropylene

Innovia Films Ltd.

## Message:

Low Heat-Seal Threshold Film with Shrink Tightening Properties

Biaxially oriented polypropylene (BOPP) film co-extruded on both sides with heat-sealable polyolefinic copolymers.

SNC25 is suitable for clear wrap/naked collation of wrapped packs where exceptional pack appearance is required.

General Information			
Features	Food Contact Acceptable		
	Good Heat Seal		
	Low Moisture Vapor Transmission		
	Low Temperature Heat Sealability		
Uses	Bi-axially Oriented Film		
	Packaging		
Forms	Film		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic, Outside/Outside	0.25		
vs. Itself - Static, Outside/Outside	0.30		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Secant Modulus <sup>1</sup>			ASTM D882
1% Secant, MD : 25 µm	3000	MPa	
1% Secant, TD : 25 µm	3600	MPa	
Tensile Strength <sup>2</sup>			ASTM D882
MD : Yield, 25 µm	170	MPa	
TD : Yield, 25 µm	210	MPa	
Tensile Elongation <sup>3</sup>			ASTM D882
MD : Break, 25 µm	120	%	
TD : Break, 25 µm	80	%	
Seal Strength <sup>4</sup>	0.20	N/mm	Internal Method
Seal Initiation Temperature			Internal Method
-- <sup>5</sup>	100 to 120	°C	
-- <sup>6</sup>	100 to 140	°C	
Water Vapor Transmission Rate			ASTM F1770
23°C, 85% RH, 25 µm	1.0	g/m <sup>2</sup> /24 hr	
38°C, 90% RH, 25 µm	5.0	g/m <sup>2</sup> /24 hr	
Optical	Nominal Value	Unit	Test Method

Gloss (20°, 25.0 μm)	125		ASTM D2457
Haze <sup>7</sup> (25.0 μm)	1.5	%	ASTM D1003
NOTE			
1.	10%/min		
2.	50%/min		
3.	50%/min		
4.	109°C; 1sec; 0.10 MPa		
5.	For Clear Wrap, 2secs; 0.10 MPa		
6.	2secs; 0.10 MPa		
7.	Wide angle; 2.5°		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### 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

