

## TRANSPROP HSMET

### DESCRIPTION:

TransProp HSMET is a metallized, co-extruded, biaxially oriented polypropylene with one side heat sealable at a standard seal range of 250-300°F. For use in lamination structures only.

### FEATURES

- Flexible
- Excellent heat sealing properties that can be sealed to different substrates such as PE, PP, PS, and PVC
- Various gauges and widths available
- EVOH provides optimal gas, aroma, and UV properties

### APPLICATIONS

- Adhesive Lamination Inner Web
- VFFS and HFFS Packaging
- Snack Food Packaging
- Surface Printed Specialty Overwrap for Ice Cream and Candy
- Items (Heat Seal or Cold Seal)

### TECHNICAL DATA:

PROPERTY		VALUE		UNIT	TEST METHOD
Physical Properties					
Thickness		80	120	gauge	
Yield		38,700	25,700	in <sup>2</sup> /lb	
Tensile Strength (minimum value)	MD	17,000		PSI	ASTM D 882
	TD	30,000			
Elongation	MD	190		%	ASTM D 882
	TD	70			
Secant Modulus		250,000 450,000			ASTM D 1894
Thermal Properties					
Shrinkage	MD	<5.0		%	266°F x 5 min Air Oven
	TD	<3.0			
Sealing Range		250-300		°F	0.5 secs x 30 PSI
Optical					
Light Transmission		<1.0		%	ASTM D 1003
Barrier Properties					
WVTR		0.02		g/100in <sup>2</sup> /24hrs	100°F, 90% RH
OTR		3.0		cc/ 100in <sup>2</sup> /24hrs	73°F, 90% RH

\*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

Revision Date: 9/30/2016

**CORPORATE HEADQUARTERS** 9201 W. Belmont Avenue | Franklin Park, IL 60131

USA 800.618.5060 | 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

[TRANSCENDIA.COM](http://TRANSCENDIA.COM)