

# TRANSILWRAP® TRANSVY E-2

## DESCRIPTION:

TRANSILWRAP® TRANSVY E-2 is a high-impact rigid vinyl for print applications in food packaging.

## CHARACTERISTICS:

- Available in clear and opaque colors

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	U.S.		SI	
		Unit	Value	Unit	Value
Gauge Range Available	Micrometer	Mil	4-35	Um	102-889
Gauge Tolerance	D-374	%	± 5	%	± 5
Material Yield (Nominal)	D-792	In <sup>2</sup> /lb	4,160	m <sup>2</sup> /kg	5.92
5 mil (127 um)			2,080		2.96
10 mil (254 um)			1,390		2.98
15 mil (381)			1,040		1.48
20 mil (508)					
Tensile Strength (Yield)	D-882	Psi	6,600	N/mm	46
Tensile Elogation (Break)	D-882	%	180	%	180
Tensile Impact Strength	D-1822 MOD	Ft*lb/in <sup>2</sup>	275	J/mm <sup>2</sup>	0.58
Flexural Modulus	D-790	Psi	360,000	N/mm <sup>2</sup>	2.482
Gloss (20° Clear/Gloss)	D-523	%	135	%	135
Heat Deflection Temperature (264 psi)	D-648	°F	162	°C	72
Cold Break Temperature	D-1790	°F	-4	°C	-20
Oxygen Transmission Rate (23°C, 100% RH, 10mil)	D-3985	cm <sup>3</sup> /100 in <sup>2</sup> -day-atm	1.1	cm <sup>3</sup> /m <sup>2</sup> -day	17.1
Moisture Vapor Transmission (38°C, 90% RH, 10mil)	F-1249	g/100 in <sup>2</sup> -day-atm	0.23	g/m <sup>2</sup> -day	3.6

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.

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