

# TRANSMD® PCH-301

## DESCRIPTION:

PCH-301 – 48 ga PET / 2 mil PE

## CHARACTERISTICS:

- Packaging material suitable for healthcare products
- Compatible with EO and sterilization methods
- Very good puncture and abrasion resistance
- PET/PE film structure commonly used in medical pouch fabrication
- Seal/peel to coated or uncoated Tyvek®, coated or uncoated medical grade papers, peelable films, or weld seals to itself

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE		TYPICAL VALUE		TEST METHOD
	US	Metric	US	Metric	
Thickness	in	µm	.0025	63.5	ASTM F2251
Yield	in <sup>2</sup> /lb	g/m <sup>2</sup>	11,035	63.6	ASTM D4321
Tensile Strength MD	psi	MPa	7,825	54	ASTM D882
Tensile Strength TD	psi	MPa	7,340	50	ASTM D882
Elongation at Break MD	%		90		ASTM D882
Elongation at Break TD	%		80		ASTM D882
Elmendorf Tear MD	grams force	mN	19	185	ASTM D1922
Elmendorf Tear TD	grams force	mN	17	165	ASTM D1922
Impact Strength	J		2.8		ASTM D3420
Puncture	lbs force	N	5	22	ASTM F1306
Haze	%		10.8		ASTM D1003
WVTR	g/100in <sup>2</sup> /day	g/m <sup>2</sup> /24 hrs	0.5	7.8	ASTM F1249
Seal Strength to itself, 125°C, 80 psi, 1 sec dwell	lbs/in	N/mm	DESTRUCT	DESTRUCT	ASTM F88

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: 02/12/2018

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

USA 800.321-8544 | 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

**TRANSCENDIA.COM**

© 2018 Transcendia Inc. All Rights Reserved.