



WHITE LLDPE / EVOH DIGITAL SEALANT WEB DWS003

PRODUCT DESCRIPTION:

White LLDPE-EVOH coex film with excellent sealability, and low O₂TR, that meets diverse end use requirements

APPLICATIONS AND FEATURES:

- Applications requiring excellent sealability, hot tack, and low oxygen transmission

PROPERTIES	TEST METHOD	UNIT		NOMINAL RESULTS			
Thickness	ASTM D6988	mil		2.0	3.0	3.5	4.0
Yield	ASTM D4321	in ² /lb		14,515	9,676	8,294	7,257
Ultimate Tensile Strength	ASTM D882	psi	MD	4,500	4,500	4,500	4,500
			TD	4,000	4,000	4,000	4,000
1% Secant Modulus	ASTM D882	psi	MD	50,000	50,000	50,000	50,000
			TD	54,000	54,000	54,000	54,000
Elongation	ASTM D882	%	MD	600	600	600	600
			TD	700	700	700	700
COF	ASTM D-1894			0.20-0.40	0.20-0.40	0.20-0.40	0.20-0.40
Elmendorf Tear	ASTM D1922	gf	MD	250	650	700	800
			TD	750	1400	1500	1600
Opacity	ASTM D1003	%		60	60	60	60
Seal Initiation	F88	°F		200	200	200	200
WVTR, (grams/100in ² /day at 100°F/90%RH)	ASTM F1249			0.50	0.4	0.4	0.35
O ₂ TR, (cc/100in ² /day at 23°C/0%RH)	ASTM D1434			0.12	0.11	0.09	0.07

*MD = Machine Direction *TD = Transverse Direction

Storage & Handling: Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

Food Contact: Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

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