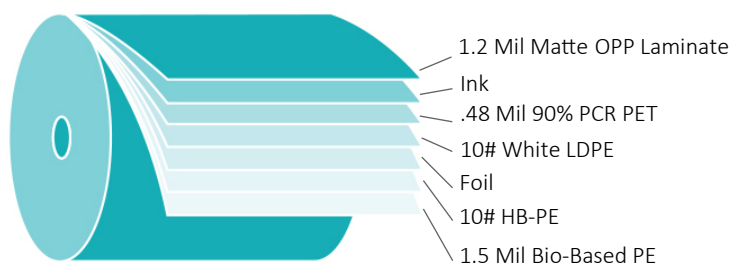




Sustainable White Matte OPP Foil Cosmetic Web



This sustainable flexible packaging material is designed for both stand-up pouch formats and form, fill and seal processes. In addition to being ideal for wet and dry goods, its 90% post-consumer recycled (PCR) polyester face and foil barrier provides toughness and heat resistance, while offering superior moisture, oxygen and light barriers. Combining the high PCR content, foil barrier and Bio-Based PE sealant makes this film an excellent sustainable option, without sacrificing performance characteristics.

MATERIAL SPECIFICATIONS

This Gloss OPP Laminate, Sustainable White Cosmetic Web consists of 1.2 Mil Matte OPP / .48 Mil PCR PET / 10#WLDPE / Foil / 10#HB-PE / 1.5 Mil Bio-Based PE, and complies with CFR Title 21, Sections 177.1520 (c) 3.1, 177.1350, 178.2010, 178.3297(e) and 178.3860. Compliance with these regulations allows for direct product contact with all food types.

PHYSICAL PROPERTY	TYPICAL VALUE
Caliper	4.7 mils
Yield	5.42 msi/lb

LAYER PROPERTY	RESULTS
EXTERIOR LAYER PERFORMANCE PROPERTIES	
Dimension Stability	Excellent
Flex Crack Resistance	Good
Ink Recommendation	Film Inks
Stiffness / Flexibility	Average
Tear Resistance	454 MD / 882 CD Grams
BARRIER LAYER PERFORMANCE PROPERTIES	
Chemical Resistance	Average
Light	Excellent
Moisture Vapor Trans Rate	0.0004 Grams / 100 sq. in. / Day
Odor	Excellent
Oxygen Vapor Trans Rate	0.01 cc / 100 sq. in. / Day
SEALANT LAYER PERFORMANCE PROPERTIES	
Caulk and Flow	Good
Hot Tack	Good
Coefficient of Friction	0.15 Kinetic (Seal to Seal)
Seal Initiation Temperature	350°F
Seal Strength	>10 LBS
Seal through Contamination	Fair
RECOMMENDED STORAGE CONDITIONS	
Recommended Storage Temperature	72°F - 95°F (23°C - 35°C)
Recommended Relative Humidity	50% - 65%
Shelf Life	12 months from date of purchase

This information represents the typical values for this material. It is intended to be used to evaluate fitness for use. All materials and recommendations should be tested by the user for applicability and final approval.