

## 18H1HS-HCFA

### BOPP FILMS

HIGH MATT LOW SEAL INITIATION TEMPERATURE, VERY HIGH SEAL STRENGTH & HOT TACK STRENGTH BOPP FILM CORONA TREATED ONE SIDE WITH HIGH COF FOR ANTI SKID PACKAGING



High COF Sealable Matt Surface - Untreated  
OPP Core  
Corona Treated Glossy Surface (Modified)



AVAILABLE  
CALIPERS

### DESCRIPTION

OPP H1HS-HCFA is one side high matt finish **BOPP** film. It is having one side corona treated heat seal surface for better printing and other side is specially formulated to provide exceptionally high heat seal strength and hot tack strength along with high COF for anti-skid properties. The paper like matte appearance provides satiny appearance and a differentiated shelf appeal.

### PRODUCT FEATURES

- Matte appearance and differentiated shelf appeal
- Special High COF at untreated surface..to facilitate anti-skid during stacking
- Better Ink performance
- Suitable for lamination with other substrates
- Good stiffness and mechanical properties
- Non toxic suitable for food contact applications

### APPLICATIONS

Outside print web typically laminated to woven PP for use in multi-wall bags for food and industrial products;

- Pet Food Bags
- Rice Bags
- Bulk Tea Bags
- Bulk Packaging Bags
- Household and detergents

	PROPERTIES	POSITION	18H1HS-HCFA	UNIT	METHOD
GENERAL	Nominal Thickness	-	18	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	Grammage	-	16.38	g/m <sup>2</sup>	Internal Method
	Yield	-	61.1	m <sup>2</sup> /kg	Internal Method
OPTICAL	Haze	-	65	%	ASTM D 1003
	Gloss	-	13	GU	ASTM D 2457
SURFACE	Static COF	Matt/Matt	0.60	-	ASTM D 1894
	Wetting tension	-	38	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD - TD	1100 2200	kg/cm <sup>2</sup>	ASTM D 882
	Elongation (at break)	- MD - TD	200 70	%	ASTM D 882
	Elastic Modulus	- MD - TD	18000 28000	kg/cm <sup>2</sup>	ASTM D 882
	Linear Shrinkage	- MD - TD	5 3	% %	ASTM D 1204
THERMAL	Heat Seal Range	-	110-145	°C	Internal Method
	Heat Seal Strength (Min.)	-	650	g/25mm	Internal Method (130°C/1sec/30psi)
THERMAL	WVTR 38° C 90% rh	-	8	g/m <sup>2</sup> /day	ASTM F 1249
	OXTR 23° C 0% rh	-	3000	cc/m <sup>2</sup> /day	ASTM D 3985

The figures and above properties refer to typical values which are indicative only. Customers should verify the suitability of the film for its specific end use. Therefore this document will not represent a product specification.

#### GUIDELINES FOR STORAGE

Temperature should preferably be less than 30°C & humidity 55±5% in storage areas and material should be consumed within three months of receipt. OPP films should be allowed to reach operating room temperature 24 hours before use.

#### FOOD CONTACT

OPP films complies with the requirements of FDA, EC & REACH regulations. Specific documentation is available on request.

#### SAFETY

Compliance with industrial health and safety standards. OPP films do not present any significant danger to health and safety in the workplace, provided they are used for the intended purpose in accordance with conventional practices and that health & safety regulations are observed. Relevant guidelines can be found in our MSDS (available upon request).

#### CAUTIONS

- Film characteristics are maintained for six months from the date of invoicing