

HCF

BOPP FILMS

TRANSPARENT HEAT SEALABLE CORONA TREATED ONE SIDE HIGH COEFFICIENT OF FRICTION GRADE FOR CONVERSION



DESCRIPTION

OPP HCF is transparent co-extruded both side heat sealable **BOPP** film. It is one side corona treated and both side heat sealable. Untreated heat-seal surface is specifically designed to provide high coefficient of friction to provide anti-skid properties.

PRODUCT FEATURES

- Special High COF at untreated surface..to facilitate anti-skid during stacking
- Good printability and suitable for lamination with other substrates
- Good optical properties
- 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

	PROPERTIES	POSITION	TS17TOHCF	TS18TOHCF	UNIT	METHOD
GENERAL	Nominal Thickness	-	17	18	μ	Internal Method
	Density	-	0.91	0.91	g/cc	Internal Method
	Grammage	-	15.47	16.38	g/m ²	Internal Method
	Yield	-	65	61	m ² /kg	Internal Method
SURFACE OPTICAL	Haze	-	2.5	2.5	%	ASTM D 1003
	Gloss	-	90	90	GU	ASTM D 2457
	Static COF	Film/Film	0.65	0.65	-	ASTM D 1894
	Wetting tension	-	38	38	dyne/cm	ASTM D 2578
MECHANICAL	Tensile Strength (at break)	- MD - TD	1300 2700	1300 2700	kg/cm ²	ASTM D 882
	Elongation (at break)	- MD - TD	190 60	190 60	%	ASTM D 882
	Elastic Modulus	- MD - TD	18000 32000	18000 32000	kg/cm ²	ASTM D 882
	Linear Shrinkage	- MD - TD	4 2	4 2	% %	ASTM D 1204
THERMAL	Heat Seal Range	-	112-145	112-145	°C	Internal Method
	Heat Seal Strength	-	350	350	g/25mm	Internal Method (130°C/1sec/30psi)

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