

PROVISIONAL

M18I225

BOPP FILMS

METALLISED NON SEALABLE INSIDE METALLISED BOPP FILM FOR PACKAGING CONVERSION



Easy Release Metal Surface

OPP Core

Untreated Surface

AVAILABLE
CALIPERS

DESCRIPTION

OPP M18I225 is non heat sealable metallised BOPP. Its metallised surface is specially designed with easy metal release.

PRODUCT FEATURES

- Easy Metal release
- Brilliant Metal appearance
- Good Stiffness & Mechanical properties.

APPLICATIONS

Typically used as a part of laminate

- Confectionery (chocolate/gum/sugar)
- Bakery (biscuits/cookie/crackers)
- Chips and Sancks
- Dry food & Powders
- Rice Bags

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	PROPERTIES	POSITION	M18I225	UNIT	METHOD
GENERAL	Nominal Thickness	-	18	μ	Internal Method
	Density	-	0.91	g/cc	Internal Method
	Grammage	-	16.38	g/m ²	Internal Method
	Yield	-	61.1	m ² /kg	Internal Method
OPTICAL	Optical Density	-	2.2	-	Internal Method
SURFACE	Dynamic COF	Film/Film	0.40	-	ASTM D 1894
MECHANICAL	Tensile Strength (at break)	- MD - TD	1200 2600	kg/cm ²	ASTM D 882
	Elongation (at break)	- MD - TD	200 60	%	ASTM D 882
	Elastic Modulus	- MD - TD	18000 28000	kg/cm ²	ASTM D 882
THERMAL	Linear Shrinkage (max)	- MD - TD	4 2	%	ASTM D 1204

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 except for metallized layer surface tension
- Strongly recommend online corona treatment in metallised films during lamination as treatment level decay with time is a natural phenomenon which depends on ambient conditions (Recommended storage conditions: Temperature < 30 deg C & Humidity 55% (Maximum) in original packed condition)