

PROVISIONAL

## MPS38I255SPL

METALLISED CAVITATED BOPP FILM ONE SIDE METALLISED & OTHER SIDE UNTREATED SEALABLE HIGH BARRIER GRADE FOR CONVERSION



Aluminium Layer  
Treated, Metallizable Layer  
Tie Layer  
White cavitated OPP Core  
Tie Layer  
Untreated Heat Seal Layer



AVAILABLE  
CALIPERS

### DESCRIPTION

OPP MP38I255SPL is metallised high gloss white cavitated BOPP film. It is metallised on one side with improved adhesion characteristics and Gloss; other side is Untreated Heat Seal surface (SIT-105°C).

### PRODUCT FEATURES

- High Gloss Metallised Pearlised Film
- Special high density than normal cavitated films
- High Stiffness to facilitate single layer structure
- Good Metal Adhesion
- Good runnability on HFFS & VFFS machine
- Excellent metal appearance on one side, pearl background on the other side
- Enhanced barrier for freshness with good presentation

### APPLICATIONS

- Confectionary (Chocolate/gum/sugar)
- Ice cream & Frozen food
- Bakery (Biscuits/cookie/crackers)

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	PROPERTIES	REF.	MPS38I255SPL	UNITS	TEST METHOD
GENERAL	Thickness	-	38	μ	Internal Method
	Density	-	0.75	g/cc	Internal Method
	GSM	-	28.5	gm/m <sup>2</sup>	Internal Method
	Yield	-	35.1	m <sup>2</sup> /kg	Internal Method
OPTICAL	Optical Density	-	2.5	-	Internal Method
SURFACE	Metal Adhesion	-	100	%	Internal Method
MECHANICAL	Tensile Strength	MD TD	900 2000	Kg/cm <sup>2</sup>	ASTM D 882
	Elongation	MD TD	180 65	%	ASTM D 882
	Modulus	MD TD	11000 21000	Kg/cm <sup>2</sup>	ASTM D 882
THERMAL	Thermal Shrinkage	MD TD	4 2	%	ASTM D 1204
	SIT	-	105	°C	Internal Method
	Heat Seal Strength (1.0sec, 170N, 130°C)	-	400	gm/25mm	Internal Method
BARRIER	WVTR (38°C, 90% RH)	-	0.40	gm/m <sup>2</sup> /day	ASTM F 1249
	OTR (23°C, 0% RH)	-	50	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 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)