

## 50MT PRODUCT INFORMATION SHEET

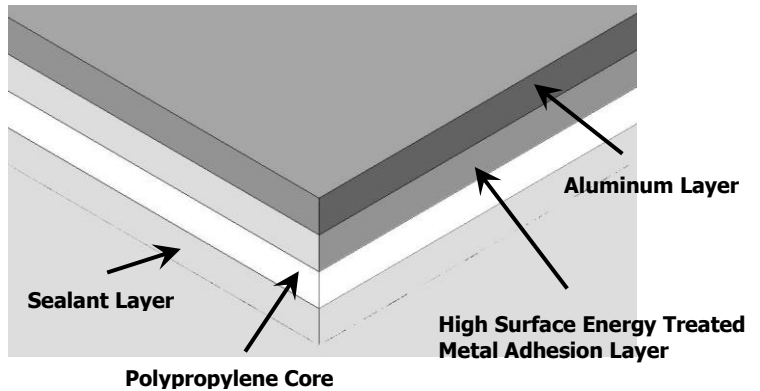
### Clear Metallized Polypropylene

**Description**

Clear polypropylene that one side has a vacuum deposited Aluminum on a high surface energy treated layer and one side heat sealable. This metallized BOPP film is designed as an inside moisture and oxygen barrier for gas flushed applications.

**Performance Characteristics**

- Guaranteed oxygen barrier - gas flushable
- Guaranteed moisture barrier
- Non craze metal surface
- Excellent hot tack and wide heat seal range
- Can be surfaced printed and used as monoweb overwrap
- Has excellent moisture and oxygen barrier properties
- Lap sealable when used with co-extruded outer web
- Offers better light protection with a minimum optical density of 2.0



**Typical Applications**

- Confections
- Snacks
- Bakery
- Pet Food
- Ag / Chemical
- Medical

**Process Statement:**

Printing: In most cases, in-line treatment and priming are recommended on the metallized surface

Water-based adhesive lamination: In-line treatment is suggested on metallized surface

Product	Gauge	Yield Sq. inch per Lb.
50MT	.0007	44,000

*Terms 1% 10 Net 30 days*

## TECHNICAL DATA SHEET

Properties		Test Method	Units	Typical Values
Gauge			mil	70
Yield (+/- 10%)			in <sup>2</sup> /lb	44,000
Tensile Strength @ Break	MD	ASTM D882	lb/in <sup>2</sup>	22,000
	TD			45,000
Young's Modulus	MD	ASTM D882	lb/in <sup>2</sup>	316,000
	TD			548,000
Elongation @ Break	MD	ASTM D882	%	200
	TD			60
Dimensional Stability (284°F for 15 minutes)	MD	ASTM D1204	%	8.0
	TD			5.0
COF (sealant side)		ASTM D1894	μd	0.57
Hot Tack @ 250°F			g/in	210
Heat Seal Strength @250°F			g/in	430
Heat Seal Range			°F	>185 - 300
MVTR @ 100°F, 90% RH Stamark Lamination		ASTM F1249	g/100in <sup>2</sup> /day	0.010
O <sub>2</sub> TR@73°F, 0% RH Stamark Lamination		ASTM D3985	Cc/100in <sup>2</sup> /day	1.0

**Storage & Handling:** Flexible packaging films should be placed in the processing area 24 hours prior to processing to acclimatize. Even though these films are largely unaffected by climatic conditions, they should not be stored at temperatures above 104 degrees F. Under suitable storage conditions, the film can be stored for a period of six months without any risk of deterioration. The customer is responsible for determining the shelf life of the packaged product.

*The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part.*