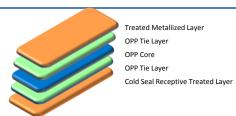
### **PRODUCT DATA SHEET**

#### **METALLIZED COLD SEAL RELEASE BOPP**

# **IMP128**



One side metallized, two side treated non-sealable BOPP film. The high energy metallized surface provides improved adhesion along with good moisture and oxygen barrier properties. The nonmetallized side is developed for excellent cold seal application.

#### PRODUCT FEATURES

- · Excellent metal adhesion and treatment retention
- High energy surface for improved adhesion properties
- · Excellent cold seal receptive layer
- Excellent runnability on HHFS
- · Good moisture and oxygen barrier

#### **APPLICATIONS**

- Typically used as an inner web in laminates for HFFS applications
- Confectionary (chocolate/gum/sugar)
- Chips and snacks
- Dry food and powders
- Ice-cream and frozen food

PROPERTIES		TEST METHOD	UNITS	IMP128	IMP128	IMP128
GENERAL						
Thickness		Internal	ga	72	80	100
Yield		ASTM D-1505	lb/ream	10.1	11.2	14.0
		Internal	in²/lb	42900	38600	30900
SURFACE						
Wetting Tension		ASTM D-2578	dynes/cm		38*	
Metal Adhesion		Internal	%		100	
MECHANICAL						
Tensile Strength (at break)	MD	ASTM D-882	psi		18500	
	TD	ASTM D-882	psi		35600	
Elongation to Break	MD	ASTM D-882	%		200	
	TD	ASTM D-882	%		70	
Elastic Modulus	MD	ASTM D-882	psi		256000	
	TD	ASTM D-882	psi		427000	
THERMAL						
Shrinkage (250°F/2 min)	MD	Internal	%		4.0	
	TD	Internal	%		2.0	
BARRIER		•	•			·
Water Vapor Transmission Rate	(100°F/90% RH)	ASTM F1249	g/100in²/24h		0.03	
Oxygen Transmission Rate	(73°F/0% RH)	ASTM D3985	cc/100in²/24h		5.20	

<sup>\*</sup> for up to 6 months from manufacture

## **Guidelines for storage**

Temperature should be less than 86°F and humidity 55±5% in storage areas and material should be consumed within 6 months of manufacture. Allow film to reach operating room temperature 24h before use.

## **Printing & Lamination**

Online corona treatment is strongly recommended before processing the material. Metallized surface can normally be laminated with appropriate substrates but an appropriate primer is recommended when the metallized surface is to be printed.

FDA Compliance: For information regarding food contact compliance, please contact your Impak Films representative

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