

## **DURAMET® BOPP**

### **HIGH BARRIER METALLIZED POLYPROPYLENE FILM**

#### **Developmental Data Sheet**

**Top-Coated Metal One Side, Heat Sealable Other Side**

A metallized and top-coated protected co-extruded bi-axially oriented polypropylene with the following features:

- \_ Wide seal range with good hot tack and excellent web flatness
- \_ Superior metal adhesion and resistance to “crazing” from extrusion lamination
- \_ Outstanding light and moisture barrier

Properties	Typical Value		Units	Test Method
<b>Yield</b>	42,000		in <sup>2</sup> /lb	
<b>Thickness</b>	0.70 18		Mil µm	
<b>Tensile Strength</b>	17,000 30,000	MD TD	Psi	ASTM D882
<b>Elongation</b>	190 70	MD TD	%	ASTM D882
<b>Optical Density</b>	2.0		Tobias	CMP OD-1
<b>Light Transmission</b>	< 1.0		%	
<b>Heat Seal Range</b>	220-300		° F	0.5 s/ 30 psi
<b>Coefficient of Friction (f/f)</b>	0.4 0.7	Kinetic Static		ASTM D1894
<b>WVTR</b>	0.015		g/100in <sup>2</sup> /24 hr.	ASTM E-398 (100° F, 90% RH)
<b>OTR</b>	0.25		cc/100in <sup>2</sup> /24 hr.	ASTM D-3985 (73.4° F, 50% RH)

The polypropylene side is in compliance with the regulation FDA 21 CFR 177.1520 (c) (1.1) and (3.1). Non-objection letter on file from Health Protection Branch of Canadian Food Inspection Agency (CFIA). This film also complies with relevant requirements of the Swiss Chemicals Ordinance SR 813.11(ChemO) and European Regulation No. 10/2011 for food contact.

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