

## **DURAMET<sup>®</sup> BOPP**

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

#### **Developmental Data Sheet**

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

A metallized and protective top-coated 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 oxygen and moisture barrier

Properties	Typical Value		Units	Test Method
<b>Yield</b>	24,730		in <sup>2</sup> /lb	
<b>Thickness</b>	1.20 30		Mil μm	
<b>Tensile Strength</b>	21,320 39,827	MD TD	Psi	ASTM D882
<b>Elongation</b>	180 60	MD TD	%	ASTM D882
<b>Optical Density</b>	2.0		Tobias Densitometer	CMP OD-1
<b>Light Transmission</b>	< 1.0		%	
<b>Heat Seal Initiation</b>	205		° F	0.5 s/ 30 psi
<b>WVTR</b>	0.009		g/100in <sup>2</sup> /24 hr.	ASTM E-398 (100° F, 90% RH)
<b>OTR</b>	0.19		cc/100in <sup>2</sup> /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
<b>Metal Adhesion</b>	250		g/in	CMP MA-2

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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