

## **DURAMET® SEALANT**

### **TOP-COATED & METALLIZED**

### **POLYETHYLENE FILM**

## **Developmental Data Sheet**

A high barrier sealant web that is metallized and top-coat protected one side, with functional low COF and High Seal Strength the other side.

Properties	Typical Value		Units	Test Method
Thickness	50		µm	
Yield	20,70		m <sup>2</sup> /kg	
Tensile Strength (Break)	26,5 26,0	MD TD	N/mm <sup>2</sup>	ASTM D882
Secant Modulus (1%)	745,0 807,0	MD TD	N/mm <sup>2</sup>	ASTM D882
Elongation	800,0 875,0	MD TD	%	ASTM D882
Optical Density	2,0		Tobias Densitometer	CMP OD-1
Light Transmission	< 1,0		%	
Coefficient of Friction	0,25		Sealant to Sealant	ASTM D-1894
Dart Impact	75		—	—
Heat Seal Initiation Temperature	127 - 150		°C	
Ultimate Seal Strength	> 15,0 (Destruct)		N/25mm	
WVTR	0,31		g/m <sup>2</sup> /24 hr	ASTM E-398 (37,8°C, 90% RH)
OTR	0,62		cc/m <sup>2</sup> /24 hr	ASTM D-3985 (23°C, 50% RH)
Metal Adhesion	3,0		N/25mm	CMP MA-1

This film is in compliance with the regulation FDA 21 CFR 177.1520. Polyethylene surface is approved for direct food contact. Non-objection approval letter is 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.

The information and opinions herein are believed to be true and accurate and presented without guarantee or responsibility on our part. No recommendation for use of our product is intended as a patent infringement. No warranty of any kind with respect to patents held by others is implied or intended.