

# DURAMET® RR PE SEALANT

## HIGH BARRIER METALLIZED POLYETHYLENE FILM

### Developmental Data Sheet

Metallized and protected top-coated one side

- ◆ Excellent oxygen and moisture barrier
- ◆ Low SIT and excellent Heat Seal Strength

This film has been designed for Store Drop-Off Recycling for All-PE laminations requiring excellent moisture and oxygen barriers, good strength and outstanding seal performance.

Properties		Typical Value		Units	Test Method
Thickness		38	50	µm	
Yield		27,6	20,7	m <sup>2</sup> /kg	
Tensile Strength (Break)	MD	26,4		N/mm <sup>2</sup>	ASTM D882
	TD	23,0			
Secant Modulus (1%)	MD	685,0		N/mm <sup>2</sup>	ASTM D882
	TD	755,0			
Elongation	MD	875,0		%	ASTM D882
	TD	900,0			
Elmendorf Tear	MD	100	130	g	ASTM D-1922
	TD	40	50		
Dart Impact		45	60	g	ASTM D-1709 (method A)
Optical Density		2,5			CMP OD-1
Light Transmission		< 1,0		%	
WVTR		0,8	0,7	g/m <sup>2</sup> /24 hr	ASTM F-1249 (37,8°C, 90% RH)
OTR		1,0	0,8	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.

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