



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/ All-PE laminations requiring excellent moisture and oxygen barriers, good strength and outstanding seal performance.

Properties	Typical Value		Units	Test Method
Yield	14,660		in ² /lb	
Thickness	2.0 50		Mil µm	
Tensile Strength	3,825 3,325	MD TD	Psi	ASTM D882
Secant Modulus (1%)	99,350 109,525	MD TD	Psi	ASTM D882
Elongation at Break	875 900	MD TD	%	ASTM D882
Elmendorf Tear	130 50	MD TD	G	ASTM D-1922
Optical Density	2.5		Tobias Densitometer	CMP OD-1
Light Transmission	< 1.0		%	
Dart Impact	60		g	ASTM D-1709 (method A)
WVTR	0.02		g/100in ² /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR	0.04		cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	300		g/in	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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