

DURAMET[®] BOPP 18 μ m TOP-COATED & METALLIZED POLYPROPYLENE FILM Developmental Data Sheet

Top-coated and Metallized One Side, Heat Sealable Other Side

Metacoat[®] top-coated and metallized 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
Thickness	18 0,70		μ m mil	
Yield	61,0		m ² /kg	
Tensile Strength	117,2 206,8	MD TD	N/mm ²	ASTM D882
Tensile Modulus	1723,7 3102,6	MD TD	N/mm ²	ASTM D882
Elongation	190 70	MD TD	%	ASTM D882
Optical Density	2,0		Tobias Densitometer	CMP OD-1
Light Transmission	< 1,0		%	
Shrinkage (Air oven)	< 5,0 < 3,0	MD TD	%	5 min, 130 °C
Heat Seal Range	105-150		°C	0.5 s/ 30 psi
WVTR	0,24		g/m ² /24 hr.	ASTM E-398 (37,8°C, 90% RH)
OTR	3,88		cc/m ² /24 hr.	ASTM D-3985 (23°C, 50% RH)

The polypropylene side is in compliance with the regulation FDA 21 CFR 177.1520 (c) (1.1) and (3.1)

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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