



Owensboro Specialty Polymers, Inc.

Chemistry that Connects, People that Care

Owensboro Specialty Polymers, Inc.

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DARAN[®]

PVdC Latex High Barrier Coatings

Product Comparison Chart

	TYPICAL PROPERTIES				Board	Paper	Polypropylene	Polyester	Nylon	Polystyrene	Polyethylene	Polycarbonate	Comments
	OTR		WVTR										
	2.5#/Ream	7.5#/Ream	2.5#/Ream	7.5#/Ream									
High Barrier Coatings													
SL112²	0.34	0.13	0.49	0.15	OK ¹	OK	OK - P	OK	OK - P	OK - P	OK - P	OK	Basecoat, flexible, papercoating
SL143²	1.40	0.43	1.10	0.34	OK	OK	No	No	No	No	No	No	Excellent film former with excellent tensile and elongation properties
8550	0.50	0.19	0.25	0.09	OK	OK	OK - P	OK	OK - P	OK - P	OK - P	OK	High Barrier Coating
8730	0.32	0.11	0.17	0.06	OK	OK	OK - P	OK	OK - P	OK - P	OK - P	OK	High Barrier Coating
Heat Sealable, Barrier Coatings													
SL159	0.96	0.32	0.53	0.18	No	OK	OK - P	OK	OK - P	OK - P	OK - P	OK - P	High barrier, heat sealable, non blocking, good adhesion to paper, good slip properties
8100	0.93	0.31	0.51	0.17	No	OK	OK-P	OK	OK-P	OK-P	OK-P	OK-P	High barrier, heat sealable, non blocking, good adhesion to paper, good slip properties, high total solids.

1. Use 143 on liner board.

P - Primer needed.

2. Contains Acrylonitrile.

OTR: cc's/100 sq. in. 24 hrs. 25°C, 65% RH 2.5#/Ream = .0058#/MSI
WVTR: GMS/100 sq. in. 24 hrs. 100°F, 90% RH 2.5#/Ream = 4.1 gms/M²
1 cc's/100 sq. in. = 15.5 cc's/M²

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