



PFL 400

Polyester Film
Aluminum Foil
Polyethylene Sealant

Physical Property	Method	Units	Typical Properties
Product Code			PFL400
Thickness	ASTM D 374	Mils	4.0
Basis Weight	Valeron	Lbs/MSF	25
Tensile Break	ASTM D 412	lbs/in	MD TD 30 38
Elongation	ASTM D 412	%	MD TD 50 50
Elmendorf Tear	ASTM D 1922	Grams	MD TD 350 550
Puncture Resistance	MIL 3010, Meth 2065	Lbf	21
Toyo Impact	ASTM D 781 (mod)	kg-cm	78
Seal Strength	ASTM F 88 (350° F, 2 sec. 60 psi)	Lbs/1" Strip	Lab 16
Water Vapor Transmission	ASTM F 1249 100° F, 100% RH	grams/100 in ² /day	< 0.0003
Oxygen Transmission	ASTM D 3985 72° F, 0% RH	cc/100 in ² /day	< 0.0003

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