

# StrengthPack™ 5000

Natural Valeron Film
Polyethylene Sealant

Physical Property	Method	Units		Typical Properties
Product Code				VF0601700
Thickness	ASTM D 374	Mils		6.0
Basis Weight	Valeron	Lbs/MSF		27.5
Tensile Break	ASTM D 412	lbs/in	MD TD	28 31
Elongation	ASTM D 412	%	MD TD	210 140
Elmendorf Tear	ASTM D 1922	Grams	MD TD	1600 1350
Puncture Resistance	MIL 3010, Meth 2065	Lbf		21
Toyo Impact	ASTM D 781 (mod)	kg-cm		145
Seal Strength	ASTM F 88 (350° F, 2 sec. 60 psi)	Lbs/1" Strip	Lab	12
Water Vapor Transmission	ASTM F 1249 100° F, 100% RH	grams/100 in <sup>2</sup> /day		0.071
Oxygen Transmission	ASTM D 3985 72° F, 0% RH	cc/100 in <sup>2</sup> /day		50

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