



MD 400C

Clear Barrier Layer
Polyethylene Sealant

Physical Property	Method	Units	Typical Properties	
Product Code			MD400C	
Thickness	ASTM D 374	Mils	3.2	
Basis Weight	Valeron	Lbs/MSF	17	
Tensile Break	ASTM D 412	lbs/in	MD	17
			TD	16
Elongation	ASTM D 412	%	MD	450
			TD	600
Elmendorf Tear	ASTM D 1922	Grams	MD	350
			TD	500
Puncture Resistance	MIL 3010, Meth 2065	Lbf	11	
Toyo Impact	ASTM D 781 (mod)	kg-cm	64	
Seal Strength	ASTM F 88 (350° F, 2 sec. 60 psi)	Lbs/1" Strip	Lab	11
Water Vapor Transmission	ASTM F 1249 100° F, 100% RH	grams/100 in ² /day	0.012	
Oxygen Transmission	ASTM D 3985 72° F, 0% RH	cc/100 in ² /day	0.011	

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ITW Richmond Technology

Headquarters and Plant Location

9505 Bamboo Road / Houston, TX 77041 USA / 1-800-825-3766 or 713-462-6111 / Fax: 713-939-0034/ info@richmond-technology.com