VCF FILMS, Inc.

SPECIALTY FILMS --- SUMMARY OF PRODUCT INFORMATION

Property	Units	A-300	CABT	LXP-453	C-102	C-257-2	L-11011	H-206	C-253	C-254
Type		Acrylic	Cellulosic	Rigid PVC	Rigid PVC	Flex PVC	Flex PVC	Flex PVC	Flex PVC	Flex PVC
Specific Gravity		1.14	1.25	1.38	1.36	1.30	1.25	1.30	1.28	1.27
Yield	Sq. in./lbs/mil	24,200	22,100	19,900	20,300	21,300	22,300	21,000	21,600	21,600
Tensile Strength	Psi -MD	4500	9600	8300	8400	6700	4700	4200	5900	3,500
Ultimate Elongation	% - MD	35	27	4.45	5	410	490	286	450	450
Tear Resistance	g/mil @25C, MD		2 to 5	15	9	19	35	15	28	25
Stiffness	Psi@25C			372,662	270,000		1,200		15,000	8,000
Low Temperature Impact	ºC –50% Non Failure			48	48		-27	-5	-40	-15
Heat Sealing	ºC		185	146	125	160	170	115	210	185
Shrinkage MD&TD	@ 200ºF / 10 mins	≈ 7%	0 %	5 %	5%	2%	≈ 5%	≈ 5%	≈ 6%	≈ 5%
Gas Permeability	@ 25 C dry: cc/100sq.in/24 hr./mil									
Oxygen				17	8		305	50	140	80
Nitrogen				7	1		65	10	40	20
Carbon Dioxide				42	27		1,900	295	960	500
Air				10	3		150	30	60	35
Water Vapor Transm.	95% RH; 100F, grams/ 100 sq. in/24/mil			4	4		10	5	0.8	
Haze	%	0.88	0.50	0.69	1.00	0.68	0.40	2.50	0.55	0.55
Gloss	60 Deg	132	138	158	150	150	150	135	150	150
UV Absorber		yes	no	no	no	yes	no	no	no	no
FDA Compliant	21 CFR 177.300 & 177.1210	no	no	yes	yes	no	yes	yes	no	no
USP Comliant	Class IV Plastics	no	no	no	no	no	yes	no	no	no