

药用铝质软管生产可行性分析

以连续生产 $\phi 16 \times 88$ 规格的药管为分析对象，参照时间为2009年1月

项目	分类	单价	金额 (rmb/10000tubes)	百分比	备注
原辅材料	铝圆片	rmb15.8/kg	325.4800	30.54%	20.6kg/10000tubes
	电费	rmb0.6/kwh	116.6667	10.95%	70kw/h, 60tubes/min
	可丁	rmb27/kg	40.5000	3.80%	1.5kg/10000tubes
	油墨	rmb0.001/tube	10.0000	0.94%	
	内涂液	rmb33/kg	33.0000	3.10%	1kg/10000tubes
	尾胶	rmb35/kg	35.0000	3.28%	1kg/10000tubes
	塑料盖	rmb0.015/pc	150.0000	14.07%	
	冷挤机模具	rmb0.00153/tube	15.3000	1.44%	
	包装用纸箱	rmb4.2/carton	39.8482	3.74%	1054tubes/carton
人工	普通工人	rmb1200/月/人	60.0000	5.63%	5人/班/线, 2班/线, 2000000tubes/月/线
	技术工人	rmb3000/月/人	60.0000	5.63%	2人/班/线, 2班/线, 2000000tubes/月/线
	管理人员		100.0000	9.38%	
其他费用	设备折旧	rmb120万/set, 辅助设备rmb10万 /set, 维修费 rmb3万/year	80.0000	7.51%	20000000tubes/year, 以10年计算
	厂房租赁和其他	0	0.0000	0.00%	依据实际情况
总计:			1065.7949		

Cost Analysis of production line of medicinal aluminium tube

Reference target: ϕ 16 \times 88mm medicinal aluminum tube, date: Dec, 2016

Item	Category	Unit Price	Amount(usd/10000tubes)	Percent	Remark
Raw material	Aluminum slug	usd2.6471/kg	54.5303	33.34%	20.6kg/10000tubes
	Electricity cost	usd0.08824/kwh	17.1578	10.49%	70kw/h,60tubes/min
	Coating	usd3.8235/kg	5.7353	3.51%	1.5kg/10000tubes
	Ink	usd0.000147tube	1.4706	0.90%	
	Internal coating	usd5.2941/kg	5.2941	3.24%	1kg/10000tubes
	Latex	usd4.2647/kg	2.1324	1.30%	0.5kg/10000tubes
	Plastic cap	usd0.0015/pc	15.0000	9.17%	
	Mould of cold squeezing machine	usd0.000225/tube	2.2500	1.38%	
	Carton for packing	usd0.4412/carton	4.1860	2.56%	1054tubes/carton
	Printing plate	usd40/pcs	0.1200	0.07%	one year 20000000pcs,6colours
Man force	Ordinary worker	usd368/month/person	38.6400	23.62%	21workers/line,2000000tubes/month/line
	QC	usd589/month/person	0.7363	0.45%	0.25worker/line,2000000tubes/month/line
	Engineer	usd589/month/person	0.7363	0.45%	0.25worker/line,2000000tubes/month/line
	Manager	usd736/month/person	0.9200	0.56%	0.25worker/line,2000000tubes/month/line
Other cost	Asset depreciation	usd230000/line , auxiliary equipment usd18000/line , maintenance cost usd4500/line/year	14.6500	8.96%	20000000tubes/year , use 10 years
	Site rent and others	0	0.0000	0.00%	Depend on condition of every one
Total:			163.5591		

Remark:

This report only for reference, not as any certificate, and just from individual viewpoint, no legal obligation.