

PRODUCTION ORDER



Reserva das Flores
Saboaria Artesanal

Product: **Coconut Soap Original**
 Code: Ref:
 Quant.(g):

Batch:
 Date:
 Cure Date:

Item	Components	% Oil	Form %	3200 g	Supplier RM	Cost Batch	Cost %	Price \$/kg
A	OILS							
1	Babassu Oil	75	50,7	1622,7		1,62	64,5	1,00
2	Palm Oil	25	16,9	540,9		0,54	21,5	1,00
	Total Oils	100	67,6	2163,6		2,16	86,1	
B	COLORANTS							
3	Pig TiO2		0,2	6,4		0,01	0,3	1,00
	<p><i>Weigh the items above - babassu and palm are solid</i> <i>Heat in microwave until completely dissolution - 2 min high</i> <i>Mix the pig. to essential oils. Use the mixer to incorporate well</i> <i>Cool to 40° C</i></p>							
C	LYE							
4	Water	32,0	21,6	692,4		0,00	0,0	0,00
5	Sodium Hydroxide	15,9	10,8	344,0		0,34	13,7	1,00
		147,9	100	1036		0,34	13,7	
	<p><i>Prepare solution separately - careful, exothermic reaction. Always add the lye over water.</i> <i>Cool to 40° C</i> <i>Add lye solution in the mixture of oils with manual agitation</i> <i>With mixer, mix for 4x5 seconds until the beginning of the formation of trace</i> <i>Observing the increase in viscosity and pour in mold</i> <i>Maintain at 25° C for 24 hours and unmold and cut</i> <i>Leave drying for 4 weeks in a cool dry place</i></p>							
D	ESSENTIAL OILS/ADDITIVES							
6		0,0	0,0	0,0		0,0	0,0	0,00
7		0,0	0,0	0,0		0,0	0,0	0,00
8		0,0	0,0	0,0		0,0	0,0	0,00
9		0,0	0,0	0,0		0,0	0,0	0,00
	Total EO & Additives	0,0	0,0	0,0		0,0	0,0	
				3206,4		\$2,51	100,0	
Water loss: 8%				2949,9	\$0,85 /Kg			
Bars yield: 24,66				Cost per bar:		\$0,11		

Process Parameters	
Temp. Oils	
Temp. Lye	
Temp. Process	
Trace (L, M, H)	
Gel Formation	
pH	

lye concentration: 32.9%
SF 5%

Obs.

Rev 02A