

Recipe Name: KV5R's High Coconut Soap

Measurements: Metric

Lye: Sodium Hydroxide Solution: 33 % (-6% Water Disc.)

SF: 5.0% (Lye Discount)

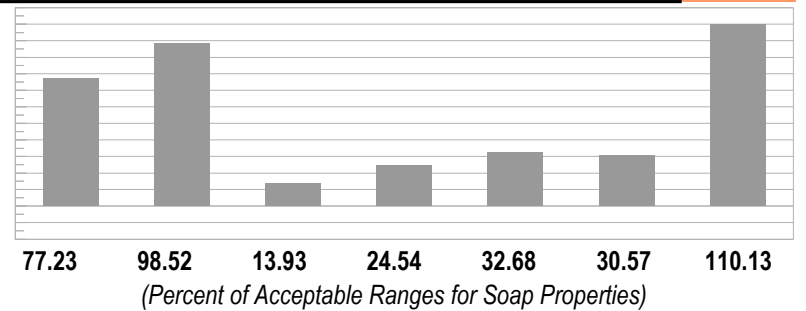
Oil	Weight	Vol	%	SAP	NaOH	Cost	SG	Hardness	Cleans.	Condit.	Bubbly	Creamy	Iodine	INS
	gm	ml			gm			29 – 54	12 – 22	44 – 69	14 – 46	16 – 48	41 – 70	136–165
Coconut Oil 76 degree	260	281.4	32.1%	0.192	49.86	1.52	0.92	79	67	10	67	12	10	258
Olive Oil	270	294.1	33.3%	0.136	36.69	1.26	0.92	17	0	82	0	17	85	105
Palm Oil	280	306.0	34.6%	0.143	39.92	1.54	0.92	50	1	49	1	49	53	145
Totals:	810.0	881.5	100%		126.47	4.33	0.92	48.31	21.85	47.48	21.85	26.46	49.86	167.94

Scale:

Total	Grams
Ingredients	810.0
Lye	120.1
Water	243.8
Total	1173.9
After Cure (5% water)	976.6

Kilos	Grams
0	810.0
0	120.1
0	243.8
1	173.9
0	976.6

Cost	
\$0.80	Bar
\$4.82	Batch



Mold	Vol.
Total Vol (at pour) (ml)	1125.3
Total Mold Vol (ml)	1075.01
No. mold cavities/bars	6
Waste Vol (ml)	50.3
Bar Vol (at pour) (ml)	179.17
Bar Weight (cured) (gm)	162.8

(Oil Vol Total + Water)
 (Use mold water weight * 1.043 for fl.oz.)
 (or # bars or # loaves)
 (+ for cavity molds; - for loaves)
 (or loaf vol.)

Enter data in the yellow fields. Calculation is automatic.
 Also set your lye cost on the Tables worksheet.

Notes: Prices based on Dec. 2010 sources for bulk quant., typ. 8 lb. or 1 gallon.

