

27apr2026

Total oil weight	1000 g
Water as percent of oil weight	38.00%
Super Fat/Discount	5%
Lye Concentration	27.127%
Water : Lye Ratio	2.6864:1

Sat : Unsat Ratio	49 : 51
Iodine	56
INS	149
Fragrance Ratio	15
Fragrance Weight	15 g

	Pounds	Ounces	Grams
Water	0.838	13.40	380.00
Lye - NaOH	0.312	4.99	141.45
Oils	2.205	35.27	1000.00
Fragrance	0.033	0.53	15.00
Soap weight before CP cure or HP cook	3.387	54.20	1536.45

#	Oil/Fat	%	Pounds	Ounces	Grams
1	Tallow Beef	32.00	0.705	11.29	320.00
2	Coconut Oil, 76 deg	25.00	0.551	8.82	250.00
3	Canola Oil	23.00	0.507	8.11	230.00
4	Cocoa Butter	10.00	0.220	3.53	100.00
5	Sesame Oil	5.00	0.110	1.76	50.00
6	Castor Oil	5.00	0.110	1.76	50.00
	Totals	100.00	2.205	35.27	1000.00

Soap Bar Quality	Range	Your Recipe	
Hardness	29 - 54	47	<div style="width: 40%; background-color: green;"></div>
Cleansing	12 - 22	19	<div style="width: 15%; background-color: green;"></div>
Conditioning	44 - 69	49	<div style="width: 50%; background-color: green;"></div>
Bubbly	14 - 46	24	<div style="width: 20%; background-color: green;"></div>
Creamy	16 - 48	32	<div style="width: 25%; background-color: green;"></div>
Iodine	41 - 70	56	
INS	136 - 165	149	

Lauric	13	<div style="width: 10%; background-color: green;"></div>
Myristic	7	<div style="width: 5%; background-color: green;"></div>
Palmitic	15	<div style="width: 10%; background-color: green;"></div>
Stearic	12	<div style="width: 10%; background-color: green;"></div>
Ricinoleic	5	<div style="width: 5%; background-color: green;"></div>
Oleic	33	<div style="width: 25%; background-color: green;"></div>
Linoleic	9	<div style="width: 10%; background-color: green;"></div>
Linolenic	2	<div style="width: 2%; background-color: green;"></div>