



Bio Green Wax Ltd

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Web: <https://biogreenwax.com>

Technical Specification

Product Name: RBD Palm Oil Shortenings 45-48

Product Description

RBD Palm Oil Shortenings 45-48 is a refined vegetable fat from palm oil fractions

Food application

Biscuit Dough, Bakery Fat

Ingredients

Palm Oil fractions

Additives

E.319 – Tert. Butylhydroquinone (TBHQ) — customized as per customer requirement and the compliance standards of the importing country.

Characteristic

Zero trans fat

Resistance to oxidation

Technical specification (At the time of loading)

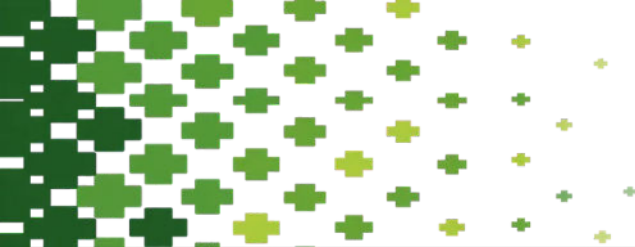
Quality Parameters	Target
Free Fatty Acid (as palmitic) % AOCS Ca 5a-40	0.1 max
Peroxide Value (meq O ₂ /kg) AOCS Cd 8b-90	1 max
Iodine Value (g I ₂ /100 g) AOCS Cd 1b-87	40 – 50
Saponification Value (mg/g) AOCS Cd 3c-91	190 – 205
Moisture & Volatile Matter (%) AOCS Ca 2b-38	0.1 max
Color (Lovibond 5.25" cell) AOCS Cc 13e-92	3.0 R
Slip Melting Point (Celsius) AOCS Cc 3-25	45 – 48
Taste/Odour	Neutral

Solid Fat Content	Target	Reference Method
% of solid fat at 20°C	40-50	IUPAC 2.150a
% of solid fat at 30°C	18-25	
% of solid fat at 35°C	14-19	
% of solid fat at 40°C	10-14	

Nutritional values (Typical values per 100g)

Energy	900 kcal
Fat	100 g
- Saturated fatty acids	56 g
- Monounsaturated fatty acids	35 g
- Polyunsaturated fatty acids	9 g
Trans fatty acids	0 g
Carbohydrates	0 g





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Sugars	0 g
Protein	0 g
Sodium	0 g
Cholesterol	0 g

**All values are average

Packaging

15/20/25 kg with PE Bag in Box

Storage condition

For long storage it is recommended to keep product in cool and relatively dry place, preferably below 20° C and relative humidity at below 60%. Keep away from direct sunlight

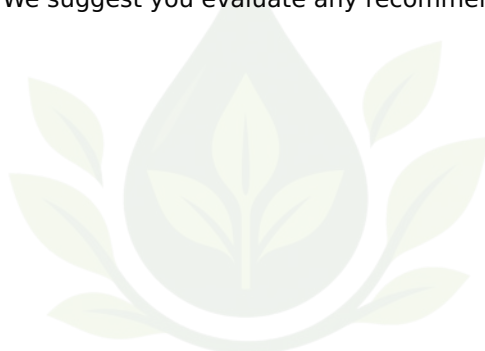
Allergen information

No allergen

Shelf life

Carton Box – max. 24 months' shelf life from production date under sealed packing and proper storage condition.

The information contained herein is correct as of the date of this document to the best of our knowledge. Any recommendations or suggestions are made without any guarantee or representation as to results and are subject to change without notice. We suggest you evaluate any recommendations and suggestions independently.



BIO GREEN
Edible Oils, Fats & Waxes

