

## Technical Specification

**Product Name:** RBD Palm Oil Shortenings 38-40

**Product Description**

RBD Palm Oil Shortenings 38-40 is a refined vegetable fat from palm oil

**Food application**

Biscuit Dough

**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

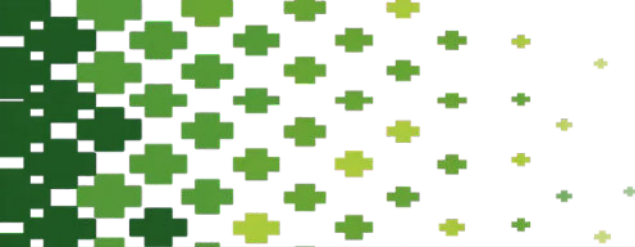
**Technical specification (At the time of loading)**

| Quality Parameters                            | Target    |
|-----------------------------------------------|-----------|
| Free Fatty Acid (as palmitic) % AOCS Ca 5a-40 | 0.1 max   |
| Peroxide Value (meq O2/kg) AOCS Cd 8b-90      | 1 max     |
| Iodine Value (g I2/100 g) AOCS Cd 1b-87       | 45 – 55   |
| 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     | 38 – 40   |
| Taste/Odour                                   | Neutral   |

| Solid Fat Content      | Target | Reference Method |
|------------------------|--------|------------------|
| % of solid fat at 20°C | 25-34  | IUPAC 2.150a     |
| % of solid fat at 30°C | 8-14   | IUPAC 2.150a     |
| % of solid fat at 35°C | 6-10   | IUPAC 2.150a     |
| % of solid fat at 40°C | 6 max  | IUPAC 2.150a     |

**Nutritional values (Typical values per 100g)**

|                               |          |
|-------------------------------|----------|
| Energy                        | 900 kcal |
| Fat                           | 100 g    |
| - Saturated fatty acids       | 53 g     |
| - Monounsaturated fatty acids | 37 g     |
| - Polyunsaturated fatty acids | 10 g     |
| Trans fatty acids             | 0 g      |
| Carbohydrates                 | 0 g      |



## Bio Green Wax Ltd

128 City Road, London, UK, EC1V 2NX

Email: [info@biogreenwax.com](mailto:info@biogreenwax.com)

Phone: +44 20 7101 3847

Web: <https://biogreenwax.com>

|             |     |
|-------------|-----|
| 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

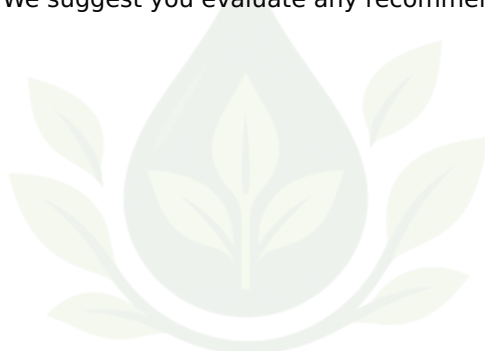
### Allergen information

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

