



## RBD Palm Oil Product Datasheet

Item number: 20-045

### General Information

Process Description	Crude Palm Oil is refined, bleached and deodorised
Ingredient Declarations	Palm Oil
Additives	-
Origin	Mainly Malaysia / Indonesia / Papua New Guinea Southeast Asia / West Africa / South America / Central America
GMO status	There is no need to label as GMO according to the regulations EC 1829/2003 & 1830/2003 and amendments
Allergen status	There is no need to label, with regards to food allergens according to Annex III a of directive 2000/13/EC and amendments
Irradiation status	Not irradiated. Not treated with ionizing radiation
CAS number	8002-75-3
EINECS number	232-316-1
Advised storage conditions	Unloading in empty clean and dry stainless steel tanks. Storage 10-15 °C above the typical melting point, preferably under nitrogen atmosphere.
Advised storage / shelf life	14 days, when taken into account the advised storage conditions.

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### Quality Parameters at loading or packing

Parameter	UoM	Min.	Max.	Typical	Reference Method
Free Fatty Acid Content, as palmitic acid	%		0.08		ISO 660
Peroxide Value	meqO <sub>2</sub> / kg		0.5		ISO 3960
Taste / Odour	-	Neutral, bland			Organoleptic
Colour Red, Lovibond 5.25 "	-		3		ISO 15305
Iodine Value	gl <sub>2</sub> / 100 g	50	56		ISO 3961

### Solid Fat Content

Solid Fat Content	UoM	Min.	Max.	Typical	Reference Method
at 20 °C	%	20	28		Pulse NMR
at 30 °C	%	7	12		Pulse NMR
at 40 °C	%		5		Pulse NMR

### Fatty Acid Composition

Parameter	UoM	Min.	Max.	Typical	Reference Method
Saturated Fatty Acids	%			49	ISO 5508
Mono-unsaturated Fatty Acids	%			41	ISO 5508
Poly unsaturated Fatty Acids	%			10	ISO 5508
Trans Fatty Acids	%		1		ISO 5508

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### Nutritional information in 100 g

Solid Fat Content	UoM	Typical	Comment
Energy	kJ	3700	
Energy	kCal	900	
Protein	g	0	
Carbohydrates	g	0	
Fiber or Dietary Fiber	g	0	
Salt content	g	0	
Sodium	g	0	
Ash	g	0	
Fat	g	100	

### Fatty Acid Composition (Express in Fatty Acids as average)

Parameter	UoM	Typical	Comment
C 12:0	%	0.3	
C 14:0	%	1	
C 16:0	%	42	
C 18:0	%	5	
C 18:1	%	41	Total
C 18:2	%	10	Total
C 18:3	%	0.3	
C 20:0	%	0.1	

### Additional information

Parameter	UoM	Typical	Comment
Relative Density (50 °C)	Kg / m <sup>3</sup>	0.89	
Refractive Index (50 °C)		1.455	
Moisture	%	< 0.05	
Soap remains	mg / kg	< 10	
Free from Alcohol		yes	

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