



Technical Specifications

Refined Soyben Oil (RSBO)

SOUTH AFRICA

DESCRIPTION

Liquid oil suitable for use in baking, frying, margarine, mayonnaise, salad dressing and salad oil (bottled). Refined edible oil from the non-genetically modified seeds of Glycine max, Clear, pale- yellow liquid.

CHEMICAL CHARACTERISTICS

Free fatty acid%	0.05-0.1%
Peroxide value meq / kg	0.5-1.0 meq / kg
Refractive index @ 40oC	1.4666-1.47
Iodine value (Wijs)	123-139
Humidity%	0.05-0.1%
Fire Point	690-695oF
Cold test	5.5 hours
OSI @ 110oC	5.5-6.0 hours
Saponification Value	191-192
Specific gravity @ 25oC	0.915-0.925
Smoke Point	460-465oF
Flash Point	650-655oF

FATTY ACID PROFILE

Palmitoleic C16	0.0-0.2%	Palmitic C16:0	8.0-14.0%
Heptadecenoic C17: 0	0.0-0.1%	Stearic C18:0	3.0-5.0%
Heptadecenoic C17: 1: 9	0.0-0.1%	Oleic C18:1	20.0-32.0%
Arachidic C20: 0	0.1-0.5%	Linoleic C18:2	47.0-57.0%
Myristic C14:0	0.1%	Linolenic C18:3	5.8-8.2%
Eicosenoic C20: 1	0.2-0.3%	Lignoceric C24: 0	0.0-0.1%
Behenic c22: 0	0.2%		



Technical Specifications

Refined Soyben Oil (RSBO)

UKRAINE

DESCRIPTION

Liquid oil suitable for use in baking, frying, margarine, mayonnaise, salad dressing and salad oil (bottled). Refined edible oil from the non-genetically modified seeds of Glycine max, Clear, pale-yellow liquid.

CHEMICAL CHARACTERISTICS

Free Fatty Acid (as oleic acid)	0.1 % max
Moisture and Impurities	0.1 % max
Iodine Value (W)	124-139
Colour Lovibond (5 ¼ "Cell)	2R 20 Y max
Relative Density	0.922
Refractive Index	1.475
Acid Value	0.5 Mg KOH/g max
Peroxide Value	2 mEq/kg max
Unsaponifiable Matter	1.5 % max
Alkaline Impurities	Complies with EP Method 2.4.19
Clarity	Clear
GMO screening (PCR)	Negative

FATTY ACID PROFILE

Saturated Fat Below	0.1 % max	Linolenic (C18:3)	5.0 - 11.0 %
Myristic (C14:0)	0.2 % max	Arachidic (C20:0)	1.0 % max
Palmitic (C16:0)	9.0 - 13.0 %	Behenic (C22:0)	1.0 % max
Palmitolek (C16:1)	0.3 % max	Eicosenoic (C20:1)	1.0 % max
Stearic (C18:0)	2.5 - 5.0 %	Brassicasterol	0.3 % max
Oleic (C18:1)	17.0 - 30.0 %	Linolenic (C18:2)	48.0 - 58.0 %