

RAW LINSEED OIL

Features

Extracted from the seeds of *Linum usitatissimum* (Linaceae), linseed oil is the most widely used drying oil. Depending on the region and growing conditions, the seeds have different characteristics. The methods of collection, cleaning, and crushing also greatly influence the product obtained. The main regions of flax cultivation are Europe (Germany, Danube basin, Belgium), whose oil is dark straw yellow, of high density; Argentina, whose oil is straw yellow and light; Russia, whose oil is dark, greenish-brown, with a high iodine value, and which thickens quickly when heated; North America, whose oil is straw-colored and of high density; India, whose oil is straw or light straw-colored.

Technical data:

	Unit	Value	Analytical method
Gardner Color		Max 4	DIN ISO 4630
Iodine Color		Max 4	DIN 53995
Acidity	mg KOH/g	Max 1	DIN 53402
Refractive index	n 20 D	1.4785-1.4825	DIN 51423

Typical value:

	Unit	Value	Analytical method
Saponification index	mg KOH/g	188 - 195	DIN 53401
Iodine number (Wijs)	gI ₂ /100g	min 175	DIN 52241
Viscosity at 20°C	dPa s	0.45 - 0.5	DIN 53015
Density at 20°C	kg/l	0.926 - 0.933	DIN 51757
Ashes	%	Max 0.02	DIN 55934
Volatile materials	%	Max 0.1	DIN 55934
Unsaponifiable	%	Max 1.5	DIN 55934

Instructions for use

Can be colored with all compatible mineral pigments. Soak the pigment in a little oil, grind it, then add the resulting coloring paste to the remaining oil and mix well. Binder for paints and greasy preparations. Also used as an additive binder for emulsions and lime mortars.

Recommendation

In case of contact with eyes, rinse thoroughly with fresh water and consult a doctor if symptoms persist. Keep out of reach of children.

Cleaning and preservation

Clean tools with TURPENTINE ESSENCE. Apply and store at temperatures between 5°C and 35°C. Keep for 1 year in its original sealed packaging, in a dry, frost-free place.
Packaging of 1 liter and 5 liters.

The information contained in this sheet is the expression of our knowledge and test results; it cannot under any circumstances be considered as providing a guarantee or as engaging our liability in the event of defective application.

