

TECHNICAL DATA SHEET

Tung oil/Tungový olej

DESCRIPTION

Chinese wood oil or tung oil is a crude vegetable oil characterized by a high content of α -eleostearic acid and it's a fatty acid with 3 conjugated double bonds.

STANDARD ANALYSIS

TEST	SPECIFICATION	METHOD
*Appearance (clarity)	Limpid liquid	OLEOA200
*Odour	characteristic	OLEOA200
*Acid value, mg KOH/g	Max 7	OLEOA232
*Colour Gardner	Max 8	OLEOA210
*Iodine value, g I ₂ /100 g	Min 158	OLEOA240
*Specific Gravity 15,5°C	0,938 - 0,944	OLEOA330
*Refractive Index 20°C	1,516 - 1,522	LAB130
*Saponification value , mg KOH/g	189 - 198	OLEOA305
*Gelling time, min	Max 13,5	IRAM 5528
*Beta tung oil test (crystalline precipitate)	Negative	-
*Water content (KF), %	Max 0,3	OLEOA380

ADDITIONAL INFORMATION

TEST	TYPICAL VALUE	METHOD
Biobased content, %	100	OLEOA700

PROPERTIES/APPLICATIONS

Very reactive, drying oil. Good hardness and mechanical resistance. Waterproof and alcohol resistant. Plasticizer effects. Penetrates deeply and it nourishes wood.

Printing inks. Alkyd resins. Decking oil, marine coatings. Teak oil and protection for wood.

PACKING

Drums, IBC containers, bulk.

STORAGE

4 - Stored in the original sealed packing at 25°C, the product stays in standard specifications for 12 months. For bulk delivery, the product stored in a closed stainless steel tank (max 25 °C) stays in standard specifications for 1 month taken from date of departure from our plant.

STORAGE

Disclaimer: the information contained in this data sheet is the state of our knowledge at the date of revision. The producer will not endorse any responsibility concerning the usage made of the product by the customer.

(*) Tests included in the Certificate of Analysis
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