

TUNG RAW OIL

DESCRIPTION:

Obtained by extraction (either by expression or solvent) of seeds from many species of *Aleurites fordii*, which has not been subjected to any refining process, but filtration or decantation to eliminate solid impurities.

SPECIFICATIONS:

Tung crude oil shall be clear and transparent at the temperature of 65 °C and meet the following requirements:

PARAMETERS	UNIT	MIN.	MAX.
Acidity (expressed as oleic acid)	g/100g	-----	2,50
Heating loss	g/100g	-----	0,25
Lovibond color (26,4mm bucket)	Yellow	-----	35
	Red		3,5
	Blue		0
Unsaponifiable matter	g/100g	-----	0,75
Iodine index (Wijs)	g I ₂ /100g	158	-----
25 C°/ 25 C° relative density	-----	0,932	0,937
Saponification index	Mg KOH/100g	189	198
25 C° refraction index	-----	1,5165	1,52
Beta isomers inversion	-----	Negative	
Gelling time	Min and sec	-----	13 min 30 sec
Saybolt viscosity	Seconds	1000	2000
Halphen reaction	-----	Negative	
Gardner color (10mm bucket)	-----	-----	8

Analyzed samples meet the specifications.

Responsable Técnico
 Ing. Daniel Rizzolo