

TUNG OIL

Property & Usage

SumTac™ Tung Oil is natural plant oil is pressed & extracted from the seeds of tung tree at the oil mill. It consists primarily of the glycerides of the fatty acids linoleic acid and oleic acid. As Chinese traditional export item, it's also named as China wood oil.

Tung oil is a kind of superior drying oil and features fast volatility & drying, high gloss, strong adhesion, good resistance to heat, acid, alkali, rot & rust, non-conductive electricity, etc.

Usage as basic important raw material in raw lacquer, varnish, paint, PCB(Printed Circuit Board) & CCL (Copper Clad Laminate), alkyd resin, etc.

Technical Data Sheet

TUNG OIL	EXPORT GRADE
Appearance	transparent or slightly turbid
Color	not darker than a freshly prepared solution containing 0.4gm potassium dichromate in 100ml of sulphuric acid (s.g. 1.84).
Specific gravity (20 deg C/4 deg C)	0.9360 - 0.9395
Refractive index (20 deg C)	1.517 - 1.522
Iodine value	163 - 173
Saponification value	190 - 195
Moisture & impurities	0.3% max.
Free fatty acid (FFA)	4% max.
Worstall's heat test	7.5 minutes max.
Beta tung oil test	negative (no crystalline precipitate)
* Gardner Grade: color in accordance with gardner number #8-10 available.	

Package & Notes

Package	20'FCL load	20'FCL palletized
190kg net iron drum	15.2mt (80drums)	15.2mt (80drums)
Chemical Formula	CAS Number	HS CODE
C ₅₇ H ₉₂ O ₆	8001-20-5	15159030
Standard	Storage	
GB 8277-87	In cool place, avoid fire and high temperature.	

