



The Source
for Imported &
Domestic
Vegetable Oils

TECHNICAL DATA

SOUTH AMERICAN TUNG OIL

<u>VALUES</u>	<u>METHODS</u>	<u>SPECIFICATIONS</u>
COLOR – Gardner	D 1544	12 Max (TYPICAL 7 – 8)
APPEARANCE @ 25° C	D 2090	Clear & Transparent
SPECIFIC GRAVITY @ 25° C	D 1963	0.933 To 0.938
FLASH POINT, MIN.	D 93	250° F (121 C)
REFRACTIVE INDEX @ 25° C		1.5160 To 1.5200
ACID VALUE, MAX	D 1639	5.0
SAPONIFICATION VALUE	D 1962	189 To 195
UNSAPONIFIABLE MATTER	D 1965	0.75
IODINE VALUE (WIJS) MIN.	D 1959	163.0
TUNG OIL QUALITY TEST	D 1964	Passes
GEL TIME,MAX	D 1955	12 Minutes (TYPICAL 10–11 MINUTES)

CHINESE TUNG OIL

<u>VALUES</u>	<u>METHODS</u>	<u>SPECIFICATIONS</u>
COLOR – Gardner	D 1544	12 Max (TYPICAL 10–12)
APPEARANCE @ 25° C	D 2090	Clear & Transparent
SPECIFIC GRAVITY @ 25° C	D 1963	0.933 To 0.938
FLASH POINT, MIN.	D 93	250° F (121 C)
REFRACTIVE INDEX @ 25° C		1.5160 To 1.5200
ACID VALUE, MAX	D 1639	8.0
SAPONIFICATION VALUE	D 1962	189 To 195
UNSAPONIFIABLE MATTER	D 1965	0.75
IODINE VALUE (WIJS) MIN.	D 1959	163.0
TUNG OIL QUALITY TEST	D 1964	Passes
GEL TIME,MAX	D 1955	12 Minutes (TYPICAL 9-10 MINUTES)

Although Raw Tung Oil (formerly D12-88) is no longer listed in the Annual Book of ASTM Standards, the test methods above are those prescribed by ASTM International.

March, 2013

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