

Typical Product Specifications & Properties

Tung Oil

CAS Number: : 8001-20-5

Specifications	Limits
Density	0.936-0.943
Saponification number	190-197
Color	7-8
Specific gravity	0.9360 – 0.9395
Refractive Index	1.5170 – 1.5520
Iodine Value	163 - 173
Saponification Value	190/195
Moisture impurities & Volatiles	0.3% MAX.
Free Fatty Acid	4.0% MAX.
Test Item & Description	WORSTALL'S HEAT TEST (7.5 MINUTES MAX.)
Test Item & Description	BETA TUNG OIL TEST (No crystalline precipitate)
Appearance	Transparent or slightly turbid

Specifications	Limits
Iodine Number	163-171
Odor	pale yel. liq., char. disagreeable odor
Flash Point	288.9 c
Solubility	chloroform, ether, carbon disulfide, oils