

TALL OIL FATTY ACID OIL. (TOFA 1)

Tall Oil Fatty Acid Oil is characterized with high fatty acid content and low content of rosin acids and unsaponifiables.

The superior chemical reactivity of **tall oil fatty acid oil** is due to its long carbon chain (C18), the acid function of carboxyl group (-COOH) and the unsaturation of the double bonds.

This is why tall oil fatty acid oil is an excellent raw material for alkyd resins, dimer acids, fa-esters, fa-soaps, fa-athoxylates, fa-amines and many other chemicals

SPECIFICATION.

ANALYSIS	VALUE	METHOD
Acid value	min. 193	SCAN-T 11:72
Colour Gardner,photometer	max. 5	ASTM 6166-97
Free rosin acid, %	max 2,1	SCAN-T 14:78
Unsaponifiables, %	max. 2	SCAN-T 13:74

Typical analysis of TALL OIL FATTY ACID OIL

Analysis	Value	Method
Acid Value	195	SCAN –T 11:72
Cloud point, °C	-1	ASTM D 2500-99
Colour Gardner,photometer	4	ASTM D 6166-97
Density at 20°C, kg/m3	904	SCAN-T 2:65
Flash point. Closed cup, °C	205	ASTM D- 93-00
Free fatty acid, %	96	ASTM D 5974 -00
Free rosin acid, %	1.9	SCAN- T 14:78
Iodin value, Wijs	153	ASTM D 5768-95
Pour point, °C	-12	SCAN-T 5:67
Saponification value	198	SCAN – T 12:72
Unsaponifiables value, %	1.9	SCAN- T 13:74
Viscosity at 20°C, mPa.s	30	ASTM D 2196-99

TALL FATTY ACID OIL should be delivered at around 20°C and the recommended minimum storage temperature is 15°C, if TOFA is subjected to cold temperature during storage or transportation it may become cloudy or show some precipitation.

This is a normal characteristic and not a defect, if affected, the material should be gently heated to max 30°C and circulated or agitated to restore the clear and bright condition.

Delivery form :- Road tanker, rail tank wagon, ISO container, flexi tank, IBC container or 188 kgs net in steel drums.

CITIGATE,S.L. SPAIN.