KRATON

SYLVATAL™ D40LR Distilled Tall Oil

PRODUCT DATA SHEET

SYLVATAL D40LR Distilled Tall Oil is a source of tall oil fatty acids having a high tall oil rosins content. The utility of distilled tall oil fatty acid can be found in the long carbon chain (C18), acid function of the carboxyl group (-COOH), or unsaturation of the double bonds. Plus, the rosin acids content adds "cling" and binding properties to such products as: asphalt anti-stripping agents, metalworking fluids, and rubber compounds. SYLVATAL D40LR derivatives are typically inexpensive soaps, amines, amides, and esters. The high rosin content in SYLVATAL D40LR will produce hard, water-resistant alkyd resins.

FEATURES

- Low viscosity, liquid long fatty acid chain
- Monocarboxylic acid functionality
- Low saturated fatty acid content
- High rosin acid content

POTENTIAL APPLICATIONS

- Metalworking fluids
- Concrete form release agents
- Asphalt anti-stripping agents
- Oilfield chemicals
- Alkyd resins
- Varnishes
- Soaps and cleaners

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number(mgKOH/g)	AQCM 001	178 - 192	178
Color, Gardner	AQCM 002	7 Maximum	5
Free Rosin Acids %	AQCM 010	35 - 45	39

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Unsaponifiables %	AQCM 011	4
Titer °C	AQCM 081	2

*Kraton test methods are available upon request

Contact us:
Almere (NL): +31 (0)36 54 62 800
Savannah (US): + 1 (912) 238-6439
Shanghai (CN): + 86 21 6434 8898
www.kraton.com

13 August 2018

SOLUBILITY	SYLVATAL™ D40LR distilled tall oil is soluble in alcohols, aromatics, esters and ketones and insoluble in water.
COMPATIBILITY	SYLVATAL D40LR distilled tall oil is compatible with other liquid fatty acid and vegetable oils.
PACKAGING	SYLVATAL D40LR distilled tall oil is delivered as liquid in 420 lb net steel drums or as bulk in totes, tank trucks, or tank cars (as available).
STORAGE RECOMMENDATION	When drummed SYLVATAL D40LR Distilled Tall Oil should be stored unopened, dry and below 25 °C (77 °F), and away from direct sunlight. In bulk the product should be stored at 30 – 40 °C (86 – 104 °F), and under nitrogen or other inert gas to avoid discoloration through oxidation. This product has a tendency to crystallize after holding for extended periods of time at ambient temperatures of 25 °C (77 °F) or lower. If precipitation occurs, it does not affect the use of the product as a chemical raw material. Slight heating to about 40 °C (104 °F) dissolves the precipitated material.

Disclaimer

Contact us:
Almere (NL): +31 (0)36 54 62 800
Savannah (US): + 1 (912) 238-6439
Shanghai (CN): + 86 21 6434 8898
www.kraton.com