

FinTOR 70 – Tall Oil Rosin

General Information

Tall Oil Rosin is produced from Crude Tall Oil by vacuum distillation. Tall Oil Rosin is a mixture of resin acids containing mainly abietic, dehydroabietic, palustric, neoabietic and isopimaric acids. In addition to resin acids, our Tall Oil Rosin contains approximately 3% of unsaponifiable ingredients.

Tall Oil Rosin is widely used in Alkyd Resin Coatings, Printing Ink Binders, Paper Sizing, Synthetic Rubber and Adhesives production. New applications are being developed for utilizing Tall Oil Rosin also in packaging materials and pharmaceuticals industry.

Specification

Property	Specification limits	Method
Acid Value, mg KOH/g	Min. 170	ASTM D465
Rosin Acids, %	Min. 89	ASTM D1240
Softening Point; °C (Mettler Cup and Ball)	Min. 67	ASTM D6090
Colour, Gardner (50:50)	Max 4,5	ASTM D 6166

Typical analyses

Property	Typical value	Method
Acid Value, mg KOH/g	177	ASTM D465
Rosin Acids, %	92	ASTM D1240
Softening Point; °C (Mettler Cup and Ball)	72	ASTM D6090
Colour, Gardner (50:50)	3,5	ASTM D 6166
Unsaponifiable matter, %	3	SCAN T 13:73
Free Fatty Acids content, %	3	PCTM 20

Delivery and storage

Bulk in molten form transported in road tanker or in special built ISO-containers. Packed goods in net 225 kg galvanized steel drums.

Storage of liquid rosin thermal requires insulated tanks and equipment. Recommended storage temperature is between 180 to 200°C. Minimum unloading temperature is 160 °C but unloading temperature of 180 °C is highly recommended to avoid solidification in the pipelines. Melting of solid Tall Oil Rosin requires temperatures above 150°C to avoid crystallization.

EC number 232-475-7
CAS number 8050-09-7
HS-code 3806 10
Reach Reg. No. 01-2119480418-32-0098

In all applications of this product, it is the sole responsibility of the buyer to respect and comply with any valid intellectual property rights of third parties.