

Foreverest Resources Ltd

Water-White Hydrogenated Rosin

H301, H101

Water-White Hydrogenated Rosin is one of the dominant varieties of modified rosin with a light color, high oxidation resistance and high thermal stability. It is soluble in ketones, esters, hydrocarbons, alcohols and chlorinated solvents and insoluble in water. Conjugated unsaturation of abietic resin acids can be removed through catalytic hydrogenation to overcome the shortcomings of oxidation and color degradation in rosin, is compatible in useful proportions with alkyds; natural and synthetic rubbers; natural resins, ethylcellulose; waxes; plastic polymers; elastomeric polymers; metallic pigments; and many other raw materials. This series of products are refined from hydrogenated rosin or high-hydrogenated rosin that are eliminated foreign matter and the coloring radical. Used in solid or liquid solder flux, hot melt adhesive and for the raw material of light-colored rosin resin.

Substance Identification

Synonyms

Refined Hydrogenated Rosin

CAS

N/A

EINECS	266-041-3
FEMA	N/A
HS.CODE	3806 9000
Molecular Formula	N/A
Molecular Weight	N/A

Application & Uses

1. used as solid or liquid solder flux for electronic industry
2. used as raw material of light-colored rosin resin.
3. used as raw material for food industry, adhesive, synthetic rubber, coating and paint, ink, cosmetic, paper industry.

Features & Benefits

- Low odor
- light color

Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Colour	Y ≤1.5, R ≤0.3	@Lovibond
Acid Value	170.0 min	mgKOH/g
Softening Point	78.0 min	@R&B, °C
Tetrahydro-resin Acid	30.0 to 40.0	%
Hydro-resin Acid	92.0 min	%
Dehydroabietic Acid	10.0 max	%
Ash	0.008 max	%
Test of heat stability	X max	@20°C
Unsaponifiable Matter	5.0 max	@2 hours, %
Abietic Acid	1.0 max	%

ITEM	VALUE	TEST METHOD & UNIT
Colour	Y ≤1.5, R ≤0.3	@Lovibond
Acid Value	170.0 min	mgKOH/g
Softening Point	78.0 min	@R&B, °C
Tetrahydro-resin Acid	10.0 min	%
Hydro-resin Acid	90.0 min	%

ITEM	VALUE	TEST METHOD & UNIT
Dehydroabiatic Acid	10.0 max	%
Ash	0.008 max	%
Test of heat stability	X max	@20°C
Unsaponifiable Matter	5.0 max	@2 hours, %
Abietic Acid	1.0 max	%

Package

- Woven Bag, 25kg net each
- Iron Drum, 225kg net each

GHS Hazard Statements

No GHS data available

Storage

- the product can't be co-stored and mix-carried with spontaneous-articles, strong oxidizer, strong-acid, it can be only handled according to the stipulations of inflammables.

Relation Products

- [Colorless Fully Hydrogenated Rosin](#)
- [Hydrogenated Rosin](#)

Relation Articles

- [Methyl Hydrogenated Rosinate for Personal Care and Cosmetics](#)
- [How to choose tackifier resins for Non-woven adhesives](#)
- [Choosing the Correct Soldering Flux Types and Their Advantages/Disadvantages](#)

Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.

Manage consent