

# Foreverest Resources Ltd

---

## Modified Rosin

AE155205, AE130140, AE150200

Modified Rosin, a large generic term for resins, is a fumaric modified ester of tall oil rosin designed for use in “E” type gravure and flexographic inks. It is compatible with nitrocellulose, polyketone resins, shellac and other modifiers commonly used in alcohol based printing inks. Foreverest® AE155205 can be used as liquid ink resins and fruits fresh keeping agent.

---

## Substance Identification

|          |  |
|----------|--|
| Synonyms | Rosin Modified Resin as Fresh Keeping Agent for Fruits |
| CAS      | N/A  |
| EINECS   | N/A  |

|                   |          |
|-------------------|----------|
| FEMA              | N/A      |
| HS.CODE           | 38069090 |
| Molecular Formula | N/A      |
| Moleclar Weight   | N/A      |

---

## Application & Uses

- a substitute for Arizona liquid ink resins ([view all Arizona resins for printing inks](#))
- use in “E” type gravure and flexographic inks
- packaging-gravure inks
- aqueous flexo and gravure inks for paper and board substrates
- fruits fresh keeping agent

## Sales Specification

| ITEM            | VALUE      | TEST METHOD & UNIT             |
|-----------------|------------|--------------------------------|
| Acid Value      | 190 to 215 | mgKOH/g                        |
| Colour          | 12 max     | @Gardner, 60% resin in Ethanol |
| Softening Point | 150 to 160 | @R&B, °C                       |
| PH              | 9 to 10    |                                |

| ITEM       | VALUE  | TEST METHOD & UNIT             |
|------------|--------|--------------------------------|
| Viscosity  | K to V | @GH 60% resin in Ethanol, 25°C |
| Solubility | Clear  | @Alcohol solvent, 1:1          |

| ITEM            | VALUE      | TEST METHOD & UNIT             |
|-----------------|------------|--------------------------------|
| Acid Value      | 135 to 145 | mgKOH/g                        |
| Colour          | 9 max      | @Gardner, 60% resin in Ethanol |
| Softening Point | 125 to 135 | @R&B, °C                       |
| PH              | n/a        |                                |
| Viscosity       | n/a        | @GH 60% resin in Ethanol, 25°C |
| Solubility      | Clear      | @Alcohol solvent, 1:1          |

| ITEM            | VALUE      | TEST METHOD & UNIT             |
|-----------------|------------|--------------------------------|
| Acid Value      | 180 to 215 | mgKOH/g                        |
| Colour          | 10 max     | @Gardner, 60% resin in Ethanol |
| Softening Point | 145 to 160 | @R&B, °C                       |
| PH              | 9 to 10    |                                |
| Viscosity       | F to K     | @GH 60% resin in Ethanol, 25°C |
| Solubility      | Clear      | @Alcohol solvent, 1:1          |

## Package

- Paper-plastic Compound bag, 25kg net each

## GHS Hazard Statements

No GHS data available

## Storage

- avoid contact with light
- keep separated from incompatible substances
- store and handle in accordance with all current regulations and standards
- store in a cool, dry place
- store in a tightly closed container

## Relation Products

- [Disproportionated Rosin](#)
- [Acrylic Acid Modified Rosin](#)
- [Water-White Hydrogenated Rosin](#)

## Relation Articles

- [GLYCEROL ESTER OF WOOD ROSIN \(Food and Beverage Grade\)](#)
- [How to choose tackifier resins for Non-woven adhesives](#)
- [Progress on the patents about the modifications of gum rosin and their applications](#)
- [Role of Resin in Printing Ink](#)
- [TACKIFIERS: MARKET EVOLVES WITH DEMAND FOR ADHESIVES SEALANTS AND LABELS](#)
- [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.*