

Foreverest Resources Ltd

Pentaerythrite Modified Rosinate

P110255

Pentaerythryl Modified Rosinate is the product of esterification of modified rosin with pentaerythrite, which has a higher softening point than PERE. It has the property of water resistance, durability and brightness, which is contributing to the industry of adhesives, paint, inks, stencil and electronic applications, etc.

Substance Identification

Synonyms	Pentaerythritol Ester of Polymerized Rosin Penta Rosinate
CAS	N/A
EINECS	232-479-9
FEMA	N/A

HS.CODE	3806 9000
Molecular Formula	C25H34O2
Molecular Weight	366.53626

Application & Uses

1. used for ester glue phenolic resin paints through polymerization with vegetable oils
2. widely used in glue industry as low cost enhancer for hot-melt, pressure-sensitive and other types of adhesives
3. suitable to the industry of adhesive, inks, stencil and electronic applications

Features & Benefits

- ester
- heat resistant
- highly adhesive
- insoluble in alcoholic solvents
- light colored
- mix well with vegetable oils
- partially soluble in petroleum products
- resistant to yellowing
- soluble in tar
- turpentine oil and similar solvents
- water resistance

Sales Specification

ITEM	VALUE
Acid Value, mgKOH/g	≤25
Colour, Fe-co	≤3~5
Softening Point, R&B, °C	110~120
Solubility, with Benzene 1:1	clear, fully soluble in alcohol benzene and alcohol toluene mixture

Similar Specs

[Pentaerythrite Modified Rosinate](#)

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Package

- Paper-plastic compound Bag, 25kg net each, PE films inside available

GHS Hazard Statements

No GHS data available

Storage

- avoid oxidants in transport
- dry and cool storage

Relation Products

- [Colorless Pentaerythritol Hydrogenated Rosinate](#)
- [Pentaerythritol Ester of Maleic Rosin](#)
- [Pentaerythritol Hydrogenated Rosinate](#)
- [Pentaerythrityl Rosinate](#)

Relation Articles

- [Progress on the patents about the modifications of gum rosin and their applications](#)
- [Choosing the Correct Soldering Flux Types and Their Advantages/Disadvantages](#)
- [Role of Resin in Printing Ink](#)

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