

Foreverest Resources Ltd

Pentaerythrite Modified Rosinate

P100255, P95253, P100251, P110255

Pentaerythryl Modified Rosinate is the product of esterification of modified rosin with pentaerythrite, which has higher softening point than PERE. It has the property of water-resistance, durability and brightness, which contribute 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

- Through polymerization with vegetable oils for ester glue phenolic resin paints
- Widely used in glue industry as low cost enhancer for hot-melt, pressure-sensitive and other types of adhesives
- Suitable to the industry of adhesive, inks, stencil and electronic applications
- Medical adhesive films

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	TEST METHOD & UNIT
Acid Value	25 max	mgKOH/g
Colour	3 to 5	@Fe-co
Softening Point	95 to 105	@R&B, °C
Solubility	Clear, fully soluble in alcohol benzene and alcohol toluene mixture	with Benzene 1:1

ITEM	VALUE	TEST METHOD & UNIT
Acid Value	25 max	mgKOH/g
Colour	2 to 3	@Fe-co
Softening Point	95 to 105	@R&B, °C
Solubility	Clear, fully soluble in alcohol benzene and alcohol toluene mixture	with Benzene 1:1

ITEM	VALUE	TEST METHOD & UNIT
Acid Value	25 max	mgKOH/g
Colour	1 max	@Fe-co
Softening Point	95 to 105	@R&B, °C

ITEM	VALUE	TEST METHOD & UNIT
Solubility	Clear, fully soluble in alcohol benzene and alcohol toluene mixture	with Benzene 1:1

ITEM	VALUE	TEST METHOD & UNIT
Acid Value	25 max	mgKOH/g
Colour	3 to 5	@Fe-co
Softening Point	110 to 120	@R&B, °C
Solubility	Clear, fully soluble in alcohol benzene and alcohol toluene mixture	with Benzene 1:1

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](#)

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.