

Foreverest Resources Ltd

Pentaerythrityl Rosinate

P90255

Pentaerythrityl Rosinate, also called Pentaerythritol rosin ester (PERE) is the product of esterification of rosin with pentaerythrite. It can soluble in tar, esters and turpentine oil, partially soluble in petroleum products. But insoluble in alcoholic solvents. The surface energy of PERE is quite low which is the factor in making it useful as a tackifier in some adhesives. PERE mainly used as a tackifier in hot melt adhesives, solvent borne adhesive, building and construction adhesives and etc.

Substance Identification

Synonyms	Pentaerythritol Rosin Ester Pentaerythrite Roinate Penta rosinate PERE
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 as ester glue phenolic resin paints (through polymerization with vegetable oils);
2. used in glue industry as low cost enhancer for hot-melt, pressure-sensitive and other types of adhesives
3. used as film forming agent, lipophilic adhesives in cosmetics

Sales Specification

ITEM	VALUE
Acid Value, mgKOH/g	≤25
Colour, Fe-Co	3~5
Softening Point, R&B, °C	90~95
Solubility, with Benzene 1:1	clear, fully soluble in alcohol benzene and alcohol toluene mixture

Package

- Paper Bag, 25kg net each
- Paper Bag, 500kg 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

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

Relation Articles

- [Progress on the patents about the modifications of gum rosin and their applications](#)
- [Role of Resin in Printing Ink](#)
- [What are the natural terpenes \(2\)](#)
- [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.