

Foreverest Resources Ltd

Pentaerythritol Ester of Maleic Rosin

MP170, M4125, M4101

Maleic Modified Rosin Resin, Pentaerythritol ester of maleic rosin or Rosin Modified Maleic Resins is a light yellow transparent solid, which is synthesized by the addition reaction between gum rosin and maleic anhydride, then through the esterification with pentaerythritol. It is widely used in ink industry.

Substance Identification

Synonyms	Rosin Modified Maleic Resin
CAS	N/A
EINECS	N/A
FEMA	N/A

HS.CODE	380690
Molecular Formula	N/A
Molecular Weight	N/A

Application & Uses

1. used in publication gravure ink, circuit board ink
2. used as grinding resin for blue pigment
3. used as adhesives
4. used as floor wax
5. used for Carbon Fiber composite

Features & Benefits

- Totally soluble in aromatics and chlorinated solvents. Partially soluble in aliphatic.
- Insoluble in alcohols and ketones.
- Under cover at temperature below 30°C.
- Stability of about 6 months in standard storage conditions.

Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Acid value	50 max	mg KOH/g
Softening point	179	@R&B, °C

ITEM	VALUE	TEST METHOD & UNIT
Acid value	155 to 175	mg KOH/g
Softening point	179	@R&B, °C

ITEM	VALUE	TEST METHOD & UNIT
Acid value	15 to 26	mg KOH/g
Softening point	133 to 143	@R&B, °C

Package

- Paper 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, under cover at temperature below 30°C
- store in a tightly closed container, stability of about 6 months in standard storage conditions

Relation Products

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

Relation Articles

- [Classification for Rosin](#)
- [Progress on the patents about the modifications of gum rosin and their applications](#)
- [Role of Resin in Printing Ink](#)

- 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.