

Foreverest Resources Ltd

Polymerized Rosin

FPR-140

Polymerized Rosin is a pale, acidic which composed predominately of dimeric acids derived from rosin with lesser amounts of monomeric resin acids and neutral materials of rosin origin. It has high dimmer contents, light color, high softening point and acid value, no crystallizing, low hot water dissolvable contents, good oil dissolvability and hardly changing the color of lead acetate. The high resistance to oxidation and does not crystallize from solutions or from solid compositions. It is compatible with many natural and synthetic film formers and rubbers. Being an acidic resin, it reacts readily with polyalcohols or hydrated lime to yield high melting derivatives.

Substance Identification

Synonyms

Dimmer Resin

CAS

N/A

EINECS	500-163-2
FEMA	N/A
HS.CODE	380690
Molecular Formula	N/A
Molecular Weight	N/A

Application & Uses

Mainly used in ink, oil paint, rubber, adhesive, waterproof cloth, paper-making, emulsifying agent, Dental, Solder flux etc

Features & Benefits

- high dimmer contents
- light color
- high softening point and an acid value
- no crystallizing

Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Appearance	Transparent solid	
Acid Value	140	mgKOH/g
Colour	10 max	@Gardner
Dissolvable Content	0.20 max	@in hot water, %
Softening Point	135 to 145	@R&B, °C
Undissolved Content	0.030 max	@in alcohol, %

ITEM	VALUE	TEST METHOD & UNIT
Appearance	Transparent solid	
Acid Value	145	mgKOH/g
Colour	10 max	@Gardner
Dissolvable Content	0.20 max	@in hot water, %
Softening Point	110 to 120	@R&B, °C
Undissolved Content	0.030 max	@in alcohol, %

ITEM	VALUE	TEST METHOD & UNIT
Appearance	Transparent solid	
Acid Value	145 to 155	mgKOH/g

ITEM	VALUE	TEST METHOD & UNIT
Colour	10 max	@Gardner
Dissolvable Content	0.20 max	@in hot water, %
Softening Point	95 to 105	@R&B, °C
Undissolved Content	0.030 max	@in alcohol, %

Similar Specs

- [Polymerized Rosin](#)
- [Polymerized Rosin](#)

Package

- Galvanized Iron Drum, 225kg 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

- [Polymerized Ester Gum](#)
- [Gum Rosin](#)
- [Rosin Modified Phenolic Resin](#)

Relation Articles

- [Application of Gum Rosin](#)
- [How to choose tackifier resins for Non-woven adhesives](#)
- [Progress on the patents about the modifications of gum rosin and their applications](#)
- [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.

Manage consent