

Foreverest Resources Ltd

Colorless Glyceryl Hydrogenated Rosinate

HG100H

Glyceryl Hydrogenated Rosinate HG100H is a kind of super light color tackifying polyols resin, which is esterified from refined hydrogenated rosin and glycerol, and through series combined technologies units of catalytic hydrogenation. With benefits of light color, low odor, good heat stability and excellent ageing resistance, HG is mainly used in screen protection film, medicinal patch, diaper adhesive, PSA and HMA.

Substance Identification

Synonyms	Colorless Glyceryl Ester of Rosin CGEHR
CAS	N/A
EINECS	266-042-9

FEMA	N/A
HS.CODE	380630
Molecular Formula	C3H8O3·W99
Molecular Weight	945.41

Application & Uses

- Optical resins
- Optically clear adhesives and coatings
- Medical adhesives
- Transdermal patches and pain/itch relief type patches and bandages
- UV-curable PSAs
- Double-sided PSAs for electronic, automotive products and hot melts disposable diapers
- Tackifier for phase change ink carrier compositions ([US patent 5621022](#))

Features & Benefits

- Excellent resistance to oxidation and discoloration
- Exceptional cutaneous tolerance
- Light color
- Low odor
- Medium softening point
- Thermoplastic hydrogenated resin
- Wide solubility and compatibility range

Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Solubility	Clear	with toluene 1:1
Color	150 max	@Hazen Unit
Acid Value	2 to 10	mg/g
Softening Point	90 to 100	@R&B, °C
Iodine Value	15 max	gI2/100g

ITEM	VALUE	TEST METHOD & UNIT
Solubility	Clear	with toluene 1:1
Color	200 max	@Hazen Unit
Acid Value	2 to 10	mg/g
Softening Point	95 to 105	@R&B, °C
Iodine Value	15 max	gI2/100g

Similar Specs

[Colorless Glyceryl Hydrogenated Rosinate](#)
[Glyceryl Hydrogenated Rosinate \(Food\)](#)
[Glyceryl Hydrogenated Rosinate \(Food\)](#)
[Glyceryl Hydrogenated Rosinate \(Industrial\)](#)
[Glyceryl Hydrogenated Rosinate \(Industrial\)](#)

Package

- Iron Drum, 225kg net each
- Kraft 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

- store in a tightly closed container

Relation Products

- [Colorless Fully Hydrogenated Rosin](#)
- [Colorless Pentaerythritol Hydrogenated Rosinate](#)
- [Glyceryl Hydrogenated Rosinate \(Food\)](#)
- [Glyceryl Hydrogenated Rosinate \(Industrial\)](#)

Relation Articles

- [Application of Gum Rosin](#)
- [How to choose tackifier resins for Non-woven adhesives](#)
- [TACKIFIERS: MARKET EVOLVES WITH DEMAND FOR ADHESIVES SEALANTS AND LABELS](#)
- [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