

Foreverest Resources Ltd

Colorless Pentaerythritol Hydrogenated Rosinate

PEHR100D

PEHR100D is a kind of super light color tackifying polyols resin, which is esterified from refined gum rosin by pentaerythritol, and through series combined technologies units of catalytic hydrogenation. With benefit of light color, low odor, good heat stability and excellent ageing resistance, CPEHR is mainly used in screen protection film, medicinal patch, diaper adhesive, PSA and HMA.

Substance Identification

Synonyms	Colorless Pentaerythritol Ester of Hydrogenated Rosin CPEHR
CAS	N/A

EINECS	264-848-5
FEMA	N/A
HS.CODE	38069000
Molecular Formula	C5H12O4
Molecular Weight	136.1464

Application & Uses

1. used as tackifier for screen protection film
2. used as tackifier for medicinal patch
3. used as tackifier for diaper adhesives
4. used as tackifier for PSA and HMA
5. used as moisture-curable hot melt adhesive([US Patent 8324299](#))

Features & Benefits

- Light Color
- Low Odor
- Good Heat Stability
- Excellent Ageing Resistance

Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Solubility	Clear	with toluene 1:1
Color	150 max	@Hazen Unit
Acid Value	10 to 20	mg/g
Softening Point	95 to 105	@R&B, °C
Iodine Value	15 max	gI2/100g

ITEM	VALUE	TEST METHOD & UNIT
Solubility	Clear	with toluene 1:1
Color	150 max	@Hazen Unit
Acid Value	20 to 30	mg/g
Softening Point	95 to 105	@R&B, °C
Iodine Value	15 max	gI2/100g

Similar Specs

[Colorless Pentaerythritol Hydrogenated Rosinate](#)

Colorless Pentaerythritol Hydrogenated Rosinate

Pentaerythritol Hydrogenated Rosinate

Pentaerythritol Hydrogenated Rosinate

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 Glyceryl Hydrogenated Rosinate](#)
- [Pentaerythritol Ester of Maleic Rosin](#)
- [Pentaerythritol Hydrogenated 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.