

PINEREX™ 2305

PINEREX™ 2305 is a Pentaerythritol ester of stabilized Elliottii gum rosin.

The light colored tackifier resin is modified to exhibit good stability against oxidation, heat aging and ultra violet light.

Application

PINEREX™ 2305 is used primarily as tackifier and adhesion improver for a wide range of industrial adhesives. It is formulated in hot melt adhesives for packaging, pressure sensitive adhesives and solvent adhesives.

- ▲ **Compatible with a range of polymers including EVA, SIS, SBS and natural rubber.**

▲ **Balance of cohesion, peel and tack performance.**
- ▲ **Light color**

▲ **Good color and viscosity stability**

▲ **Low odor**

Typical properties

| Property | Value | Unit | Test Method |
|-------------------------|-------|---------|------------------------------|
| Softening Point | 98 | °C | Ring and Ball |
| Mettler Softening Point | 103 | °C | Mettler Laboratory Equipment |
| Color | 3.7 | Gardner | 50% in Toluene |
| Acid Value | 15 | mgKOH/g | Titration |
| Sustainability | | | |
| Bio-Renewable Content | 90 | % | Mass ratio |

Updated 25 April 2025 by MA

Packaging

PINEREX™ 2305 can be available as flakes in 25kg bags.

Shelf life and storage conditions

Shelf life of the product for flakes is 6 months.

Due to the thermoplastic nature of the product, to prevent flakes remassing and fusing together, it is recommended to store in a temperature controlled area <25°C and avoid direct sunlight.

Do not stack pallets and prevent prolonged storage.

Remassing does not affect the specification of the product, and if it can be readily broken this is not a basis for rejection.

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