

PINECLEAR™ 4306 A

PINECLEAR™ 4306 A is a light colored tackifier resin that is specifically modified to exhibit good oxidative and heat stability. **PINECLEAR™ 4306 A** is typically used to improve tack and adhesion in a wide range of adhesives and as a tackifier/flow control modifier in low color thermoplastic pavement markings.

Applications

EVA hot melt adhesive (packaging, bookbinding, furniture), pressure sensitive hot melt adhesive (tape and label), and solvent adhesive (tape, construction).

- ▲ Improved adhesion
- ▲ Good color stability
- ▲ Compatibility with a range of adhesive
- ▲ Higher cohesion
- ▲ Good viscosity stability
- ▲ Polymers (e.g. SIS, SBS, NR, EVA)

Typical properties

Property	Value	Unit	Test Method
Melt Point	96	°C	Ring & Ball, BAX-QC-100
Acid Value	13	mg KOH/g	BAX-QC-102
Color (50 % in Toluene)	3	-	Gardner Color, BAX-QC-103
Bio-Renewable Content, (+/-2%)	86	wt%	Theoretical value based on formulation

Updated April 9, 2025 by AH

Packaging

PINECLEAR™ 4306 A is shipped in 50 lb paper or plastic bags.

Shelf life and storage conditions

When stored properly, shelf life from date of production is approximately 12 months. Due to the thermoplastic nature of the product, to prevent product from remassing/fusing together, it is recommended to store in a temperature controlled area <30°C (86°F) and avoid direct sunlight.

Prevent prolonged storage and do not stack pallets.

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

Product carbon footprint calculated in line with ISO14040 standard is available upon request.

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