TECHNICAL DATA SHEET

EcoTack® 3105

Edition No. 01 - 13/01/2020

Product Description

EcoTack® 3105 is a glycerol ester of gum rosin, which has been stabilized to provide excellent thermal resistance and excellent resistance against oxidation.

Characteristics

Light yellow solid.

Is compatible with all the usual compounds as:

- EVA polymers, SIS, SBS, SBR, natural rubber, butyl rubber, neoprene, and other polymers;
- Hydrocarbon and terpene resins.

Is soluble in:

- Aromatic and aliphatic hydrocarbon solvents;
- Esters and Ketones.

Is insoluble in:

- Alcohol and water.

Product Specifications[1]

	Product Specification	Typical Properties	Units
Acid Number	15 max	10	mg KOH/g
Softening Point (R&B)	86 - 90	88	°C
Color Gardner (50%, Toluene)	4 max	3	------

Regulatory Status

Meets the requirements of the Code of Federal Regulation, Title 21, under the following sections:

- 175.105 Adhesives.

Applications

It is specially recommended for use as tackifier in Pressure Sensitive Adhesives (P.S.A.) due to its:

- Excellent thermal resistance;
- Good compatibility with waxes;
- Total compatibility with most polymers;
- Excellent tack;
- Excellent resistance oxidation due to low abietic acid contents.

It can also be used in EVA hot melts, depilatory waxes and other applications.

Form of Supply

Flakes in 25 kg bags on pallet 1000 kg weight;
in 1000 kg big-bag.
Pearls in 25 kg bags on pallet 1000 kg weight.

Shelf Life

Up to six months under normal storage conditions.

[1]Analytical Methods are available on request.