

TECHNICAL DATA SHEET

EcoTack® 3109

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PRODUCT DESCRIPTION

EcoTack® 3109 is a partially esterified 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 SPECIFICATIONS¹

	Product Specification	Typical Properties	Units
Acid Number	60 – 70	65	mg KOH/g
Softening Point (R&B)	65 – 75	70	°C
Color Gardner (50%, Toluene)	4 max	3	-----
Viscosity (Thermosel @ 150 °C)	100-150	125	mPa.s

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 and other applications.

FORM OF SUPPLY

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

Block Metallic drums of 225 kg on pallets 900 kg weight.

SHELF LIFE

Up to six months under normal storage conditions.

¹Analytical Methods are available on request.

The information in this Technical Data Sheet is, to the best of our knowledge, true and accurate, but since the conditions of use are beyond our control, no warranty is given or to be implied in respect of such information. It is the customers' responsibility to assess and to test our products in order to satisfy themselves as to the suitability of the products to their particular purpose. We are, at all times, willing to study customer's specific outcomes involving our products in order to enable their most effective use.