

PRODUCT DESCRIPTION

YT 323 is a modified pentaerythritol ester of gum rosin, which has been stabilised 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	20 max	15	mg KOH/g
Softening Point (R&B)	110-115	103	°C
Colour Gardner (50%, Toluene)	4 max	3/4	-----
Melt Viscosity (Brookfield) (@140°C; 150°C; 160°C; 170°C; 180°C)	-----	6500; 2530; 1235; 630; 330	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 recommended for use in EVA and other hot-melts as tackifiers due to:

- Excellent thermal resistance;
- Good compatibility with waxes;
- Total compatibility with EVA polymers;
- Excellent internal cohesion;
- Excellent resistance oxidation due to low abietic acid contents.

It can also be used in Pressure Sensitive Adhesives (PSA), rubber compounding, coatings road marking and other applications.

FORM OF SUPPLY

Flakes in 25 kg bags on pallet 1000 kg weight;
in 500, 1000 kg big-bag.

SHELF LIVE

Up to six months under normal storage conditions.

¹Analytical Methods are available on request

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