

### PRODUCT DESCRIPTION

**YT 321** is a 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 SPECIFICATIONS<sup>1</sup>

	Product Specification	Typical Properties	Units
Acid Number	20 max	15	mg KOH/g
Softening Point (R&B)	95-100	97	°C
Colour Gardner (50%, Toluene)	3+ max	3	-----
Melt Viscosity (Brookfield) (@150°C; 160°C; 170°C; 180°C)	-----	1200; 670; 300; 180	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 and other application.

### 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;  
in 1000 kg big-bag.
- Block** Metallic drums of 250 Kg on pallets 1000 Kg weight.

### SHELF LIVE

Up to six months under normal storage conditions.

<sup>1</sup>Analytical Methods are available on request

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