

**PRODUCT DESCRIPTION**

FPT 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>**

	<b>Product Specification</b>	<b>Typical Properties</b>	<b>Units</b>
<b>Acid Number</b>	20 max	15	mg KOH/g
<b>Softening Point (R&amp;B)</b>	95-102	98	°C
<b>Colour Gardner (50%, Toluene)</b>	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 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.

<sup>1</sup>Analytical 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. We are, at all times, willing to study customer's specific outlets involving our products in order to enable their most effective use.

**FORM OF SUPPLY**

**Flakes/pearls:** 25 Kg bags

**SHELF LIFE**

Up to six months under normal storage conditions.



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