

PRODUCT DESCRIPTION

FPT 312 is a glycerol 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	15 max	10	mg KOH/g
Softening Point (R&B)	82-87	84	°C
Colour 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 E.V.A. hot-melts, rubber compounding, etc.

FORM OF SUPPLY

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

Flakes/pearls: 25 Kg bags

SHELF LIFE

Up to six months under normal storage conditions.



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